



The Health of Blackburn 1971



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COUNTY BOROUGH OF BLACKBURN

Annual Report on the Health Service for the year 1971

J. ARDLEY, M.B., B.S., D.P.H.,
Medical Officer of Health

CONTENTS

| | <i>Page</i> |
|--|-------------|
| I Vital Statistics | 3 |
| II Sanitary Circumstances, Food Supply and Infectious Diseases.. .. . | 9 |
| III Community Health Service—Statistical Tables .. | 55 |
| IV Welfare Services | 79 |
| V Report on School Health Service | 91 |

HEALTH AND SOCIAL SERVICES COMMITTEE

The Mayor

ALDERMAN J. SIMPSON.

Aldermen

SIR G. B. EDDIE (*Ex-Officio*)

EDWARDS (*Chairman*)

MOTTERSHEAD (*Ex-Officio*)

YATES

Councillors

BRAMWELL

LEWIS

BROOKS

MURRAY

DAWSON

SMITH E. (*Vice-Chairman*)

GEDDES

TAYLOR (*Ex-Officio*)

GORTON

WATSON, H.

HAWORTH, N. R.

WEST

JOHNSTON

PUBLIC HEALTH OFFICERS OF THE LOCAL AUTHORITY

Medical Officer of Health and Principal School Medical Officer

J. ARDLEY, M.B., B.S., D.P.H.

Deputy Medical Officer of Health and School Medical Officer

P. A. GARDNER, L.A.H. (DUBLIN) D.P.H. (to Aug.)

Assistant Medical Officers (full time)

BERYL L. SEPHTON, M.B., Ch.B., D.P.H.

SARAH N. JOSEPH, M.B., B.S., D.R.C.O.G., D.P.H.

S. DATTA, M.B., B.S., D.G.O., M.R.C.O.G.

Assistant Medical Officers (part-time)

M. M. THIERENS, M.B., Ch.B.

J. HANDLEY, M.B., B.S.

S. V. JOSHI, M.B., B.S., D.C.H.

R. PENDLEBURY M.B., Ch.B.

P. H. STEWART, M.B., Ch.B.

P. N. RAMPAL, M.B., B.S.

P. RUSSO, M.B., Ch.B., D.Ch

F. LIVESEY, B.Sc. M.B., Ch.B.

Part-time Consultant Medical Officers

J. EVANS M.D., F.R.C.S. (Oto-Rhinology)

L. READ, M.A., M.B., B.Ch., M.R.C.S., L.R.C.P. (Venereology)

R. WARD, M.D., M.R.C.P. (Chest Physician)

P. R. STEVENS, M.R.C.S., L.R.C.P., D.O. (Ophthalmology)

J. G. THURSTON, B.A., M.B., B.Ch., M.R.C.O.G. (Obstetrics & Gynaecology)

D. M. SOMERVILLE, M.B., Ch.B. (Ophthalmology)

Dental Officers

J. RIGBY, L.D.S. (Principal Dental Officer)

J. GREGSON, B.D.S.

W. BLACKWELL, (*part time*)

BURKE MRS. L. G. (*part-time*)

Public Analyst (part time)

A. C. BUSHNELL, F.R.I.C., M.Chem.A.

| | | |
|---|-----|---|
| <i>Chief Public Health Inspector</i> | abc | F. B. ADDY (to May) |
| | abc | C. AINSWORTH (from May) |
| <i>Deputy Chief Public Health Inspector</i> | abc | C. AINSWORTH (to May) |
| | | R RILEY (from Sept.) |
| <i>Superintendent Nursing Officer</i> | a | Miss L. M. BROWN, S.R.N., S.C.M., H.V.Cert. |
| <i>Deputy Superintendent Nursing Officer</i> | | Miss M. E. THOMAS, S.R.N., S.C.M., H.V.Cert., Q.S. |
| <i>Non-Medical Supervisor of Midwives & Superintendent District Nursing Service</i> | | Miss A. O'CONNELL, S.R.N., S.C.M., R.F.N., Q.S., H.V.Cert. |
| <i>First Assistant Superintendent District Nursing Service</i> | | Miss C. M. HAYES, S.R.N., S.C.M., Q.S. |
| <i>Public Health Inspectorate</i> | | |
| Sampling Officer | abe | T. G. MARSDEN |
| Senior Meat Inspector | ab | E. DUERDEN |
| Factories & Smoke Abatement Officer | aci | J. PYE, A.I.Plant.E. |
| Senior Housing Inspector | a | F. FORREST |
| Shops and Offices Inspector | a | N. MORRIS |
| Senior District Inspector | a | R. RILEY (to Aug.) |
| District Public Health and Assistant Meat Inspectors | | 6 |
| Technical Assistant (Housing) | | 1 |
| Technical Assistants for Smoke Control | | 2 |
| Pupil Inspectors | | 4 |
| Rodent Operators | | 5 |
| <i>Medico-Social Work, Health Visiting and Clinic Nursing</i> | | |
| Medico-Social Workers | | 24 |
| Health Visitor/School Nurses | | 4 |
| Student Health Visitors | | 4 |
| Clinic Nurses (including part-time) | | 26 |
| State Enrolled Nurses | | 1 |
| <i>Midwifery Service</i> | | |
| Midwives (including part-time) | | 11 |

Home Nursing Service

District Nurses :

| | |
|------------------------------------|----|
| Full-time (including 1 male nurse) | 22 |
| Part-time | 10 |
| State Enrolled Nurses | 4 |

Physiotherapy

Senior Physiotherapists

Mrs. M. J. PHILLIPS (to May)

Physiotherapists

Mrs. B. J. LAMBERT

1 part-time

Chiropody

Chiropodists

J. POLLARD, M.Ch.S.

P. L. FOXCROFT, M.Ch.S.

Miss C. A. SHARPE (from Jan.)

C. I. HUNT, M.Ch.S.

Occupational Therapists

MRS. S. PRICE, M.A.O.T.

Orthoptists :

Mrs. M. Snape, D.B.O.

Miss S. Preston

Miss S. H. Cliffe

Speech Therapist :

Mrs. J. B. SCOTT

Mrs. J. Knight (part-time)

Mrs. R. M. Banks, nee Daniels

Dental Attendants :

Senior Dental Attendant Attendants

Miss L. E. Walsh

2 (one part-time)

Audiometrician :

E. Townson

Mrs. P. Iveson

Ambulance Service

Ambulance Officer

D. P. KENNEDY (to May)

N. LAKIN (from July)

Deputy Ambulance Officer Ambulance Personnel

L. LONG

44

Administrative and Clerical

| | | |
|---|----|--------------------------|
| Principal Administrative Officer | a | T. HODSON |
| Deputy Principal Administrative Officer | gh | W. E. TURNER (to Sept.) |
| | g | W. R. HINDLE (from Dec.) |
| Snr. Administrative Assistant | | Vacant |

Senior Section Officers

| | | |
|--|---|----------------------------|
| West Division | h | H. E. JONES |
| East Division | | A. J. SNAPE (from 18-1-71) |
| Secretary to Medical Officer of Health | g | Mrs. B. J. THORNTON |
| Public Health Inspectorate | | Mrs. O. CROSSLEY |

Clerical Staff, Receptionists and Telephonists

62

Miscellaneous

| | |
|---------------------|---|
| Attendants, Drivers | 3 |
|---------------------|---|

Key to Qualifications not otherwise shown

- (a) Certificate of the Public Health Inspectors' Education Board
- (b) Certificate in Meat and Other Foods
- (c) Smoke Inspectors' Certificate
- (d) Certificate in Sanitary Science as applied to Buildings and Public Works.
- (e) Certificate of the Institute of Public Health and Hygiene
- (g) Local Government Clerical Division Examination
- (h) Diploma in Municipal Administration
- (i) Cert. Advanced Fuel Technology, C. & G. Lond. Inst.

March 1973

To the Chairman and Members of the Health and Education Committees.

I present herewith my Annual Report for the year 1971.

The year saw the end of the combined Health and Social Services Department, when the latter component was transferred to the new Department in October. Information in the Report is therefore mainly confined to the Local Health and Environmental Health Services. The Social Services content to the end of September is not included, except where shown, as all available data was transferred when the Service itself transferred.

During the year, the Department suffered a great loss with the death of Mr. F. B. Addy in March. Mr. Addy came to Blackburn as Chief Public Health Inspector in 1945, and gave long and devoted service to the town. His was a life dedicated to Public Health, and single-mindedness of purpose and the town and its citizens owes much to his influence in the post-war era.

In conclusion, this Report is again very much delayed. It is, however, a matter of dealing with copy when time permits. During 1972, such time was even more at a premium due to the heavy commitment of all Senior staff in Health Service Re-organisation.

It is, therefore, essentially a Report restricted to factual detail and statistics and mainly of future historical interest.

I remain,

Your obedient Servant,

J. ARDLEY

Medical Officer of Health

VITAL STATISTICS

VITAL STATISTICS

| | | | | | | |
|--|----|----|----|----|----|--|
| Area (in Acres) | .. | .. | .. | .. | .. | 8,080 |
| Population (Census 1961) | .. | .. | .. | .. | .. | 106,242 |
| „ (Estimated middle of 1971) | .. | .. | .. | .. | .. | 101,130 |
| Rateable Value | .. | .. | .. | .. | .. | £3,690,681 |
| Sum Represented by a Penny Rate | .. | .. | .. | .. | .. | £14,222 |
| Rate in the £ (excluding Water), 1970/1971 | | | | | | 16/9d (Domestic) 18/5d (Commercial) |

EXPENDITURE ON HEALTH AND SOCIAL SERVICES TO 31.3.71.

| | Expenditure £ | Income £ | Nett expenditure £ |
|-------------------------------------|------------------|-------------|-----------------------|
| Health Services— | | | |
| 1946 Act Account | .. 359,864 | .. 45,145 | .. 314,719 |
| General Account | .. 61,798 | .. 2,452 | .. 59,346 |
| Welfare of Aged | .. 387,359 | .. 101,376 | .. 285,983 |
| Welfare of Blind and Handicapped | .. 30,805 | .. 2,328 | .. 28,477 |
| Workshops for Blind (nett) | .. — | .. — | .. 9,997 |

LIVE BIRTHS :

| | | | | | |
|--------------|----------|---------|--------|------------------------|------|
| Legitimate | .. 1,703 | Males | .. 985 | Birth Rate | 20.8 |
| Illegitimate | .. 185 | Females | .. 903 | (England & Wales 16.0) | |
| Total | .. 1,888 | | | | |

STILLBIRTHS :

| | | | |
|-------|-------|--|------|
| Total | .. 39 | Rate per 1,000 total births and still births | 20.0 |
|-------|-------|--|------|

PERI-NATAL MORTALITY :

| | | | |
|--|-------|--|--|
| Total | .. 66 | Rate per 1,000 total births and still births | 34.00 |
| (i.e. Stillbirths and Deaths under one week). | | Comparison with previous years : | 1970—25.00 1969—32.00 1968—28.75 1967—25.45 1966—32.17 |

INFANT MORTALITY :

| | | | | | |
|--|--------------|-------|----------------------------|--------------|---------|
| (i.e. Deaths under one year of age.) | Legitimate | .. 40 | Rate per 1,000 live births | Legitimate | 23.5 |
| | Illegitimate | 3 | | Illegitimate | 16.2 |
| | Total | 43 | | All | .. 23.3 |

MATERNAL MORTALITY :

| | |
|---------------------|--------------------------------|
| From Sepsis .. Nil. | Rate per 1,000 live and .. 1.3 |
| Other Causes .. 2 | still births |

DEATHS :

| | |
|------------------|--------------------------|
| Males 783 | Death Rate per 1000 16.1 |
| Females.. .. 843 | (England and Wales) |
| <u>1,626</u> | |

Percentage of deaths occurring in Institutions.. .. 57.1%

Causes of Death, 1971 :

During 1971 the chief causes of death were :

| | <i>No. of Deaths</i> | <i>Rate per 1,000 population</i> |
|--|--------------------------|--------------------------------------|
| Ischaemic Heart Disease | 377 | 3.73 |
| Circulatory diseases | 228 | 2.25 |
| Malignant Neoplasms | 287 | 2.83 |
| Other diseases of the Respiratory System—Non-T.B. | 25 | 0.25 |
| Cerebro-vascular disease | 201 | 1.99 |
| Pneumonia | 162 | 1.61 |
| Bronchitis and Emphysema | 122 | 1.26 |
| Congenital Anomalies | 13 | 0.13 |

Other Diseases of bodily systems, and group diseases to which death was assigned :

| | <i>No. of Deaths</i> | <i>Rate per 1,000 population</i> |
|---|--------------------------|--------------------------------------|
| Peptic Ulcer | 5 | 0.05 |
| Renal System | 9 | 0.09 |
| Enteritis and other diarrhoea diseases (under 2 years) | 2 | 0.02 |
| T.B.—all forms | 4 | 0.04 |
| Infectious and infective diseases | 2 | 0.02 |

CAUSES OF DEATH OF BLACKBURN RESIDENTS

during different periods of life, 1971

TABLE 1

| CAUSES OF DEATH | Sex | Total all Ages | U'der 4 weeks | and under 1 year | AGE IN YEARS | | | | | | | | |
|--|--------|----------------------|---------------------|------------------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|
| | | | | | 1—4 | 5—14 | 15—24 | 25—34 | 35—44 | 45—54 | 55—64 | 65—74 | 75 + |
| 1. Enteritis and other Diarrhoeal Diseases .. | M F | 1 2 | .. 1 | 1 .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. 1 | .. .. |
| 2. Tuberculosis of Respiratory System .. | M F | 3 .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | 2 .. | 1 .. | .. .. |
| 3. Other Tuberculosis | M F | .. 1 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. 1 | .. .. | .. .. | .. .. | .. .. |
| 4. Malaria | M F | 1 .. | .. .. | .. .. | .. .. | .. .. | .. .. | 1 .. | .. .. | .. .. | .. .. | .. .. | .. .. |
| 5. Other Infective and Parasitic Diseases | M F | 1 1 | .. .. | .. .. | 1 .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. 1 |
| 6. Malignant Neoplasm, Buccal Cavity, etc. .. | M F | 3 2 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | 1 1 | 1 1 | 1 .. |
| 7. Malignant Neoplasm, Oesophagus | M F | 6 2 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | 1 1 | 4 .. | 1 1 |
| 8. Malignant Neoplasm, Stomach | M F | 18 16 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | 2 .. | 3 3 | 9 5 | 4 8 |
| 9. Malignant Neoplasm, Intestine | M F | 16 24 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | 2 .. | 4 6 | 6 5 | 4 13 |
| 10. Malignant Neoplasm, Larynx | M F | 2 1 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | 1 .. | .. 1 | 1 .. |
| 11. Malignant Neoplasm, Lung, Bronchus..... | M F | 66 11 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | 2 1 | 6 1 | 14 1 | 37 6 | 7 2 |
| 12. Malignant Neoplasm, Breast | M F | .. 28 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. 1 | .. 4 | .. 9 | .. 7 | .. 7 |
| 13. Malig. Neoplasm, Uterus | F | 7 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | 1 .. | .. .. | 2 .. | 4 .. |
| 14. Malig. Neopm, Prostate | M | 10 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | 6 .. | 4 .. |
| 15. Leukaemia | M F | 2 3 | .. .. | .. .. | .. .. | .. .. | .. 1 | 1 .. | 1 .. | .. .. | .. .. | .. 2 | .. .. |
| 16. Other Malignant Neoplasms | M F | 33 37 | .. .. | .. .. | .. 1 | .. .. | 1 .. | .. .. | .. 1 | 6 5 | 8 5 | 14 16 | 4 9 |
| 17. Diabetes Mellitus | M F | 2 4 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | 2 1 | .. 2 | .. 1 |
| 18. Avitaminoses, etc. | M F | 2 .. | .. .. | 1 .. | .. .. | .. .. | .. .. | .. .. | .. .. | 1 .. | .. .. | .. .. | .. .. |
| 19. Other Endocrine, etc. Diseases | M F | 1 3 | .. .. | 1 .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. 1 | .. .. | .. 2 |
| 20. Anaemias | M F | .. 9 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. 9 |
| 21. Mental Disorders..... | M F | 1 5 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | 1 1 | .. 4 |
| 22. Meningitis | M F | .. 1 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. 1 | .. .. | .. .. |
| 23. Multiple Sclerosis | M F | .. 1 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. 1 | .. .. | .. .. |
| 24. Other Diseases of Nervous System, etc. | M F | 7 10 | .. .. | .. .. | .. 1 | .. .. | .. .. | .. .. | .. .. | .. .. | 1 2 | 4 4 | 2 3 |
| 25. Chronic Rheumatic Heart Disease..... | M F | 10 12 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | 1 1 | 1 1 | 3 1 | 5 2 | .. 7 |
| 26. Hypertensive Disease .. | M F | 7 16 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | 2 2 | 2 7 | 3 7 |
| 27. Ischaemic Heart Disease | M F | 216 161 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | 7 .. | 25 6 | 55 24 | 65 52 | 64 79 |

CAUSES OF DEATHS OF BLACKBURN RESIDENTS (continued)

| CAUSES OF DEATH | Sex | Total all Ages | U'der 4 weeks | and under 1 year | AGE IN YEARS | | | | | | | | |
|---|-----|----------------------|---------------------|------------------------|--------------|------|-------|-------|-------|-------|-------|-------|------|
| | | | | | 1—4 | 5—14 | 15—24 | 25—34 | 35—44 | 45—54 | 55—64 | 65—74 | 75 + |
| 28. Other Forms of Heart Disease..... | M | 41 | .. | .. | .. | .. | .. | .. | .. | 1 | 6 | 7 | 27 |
| | F | 76 | .. | .. | .. | .. | 1 | 1 | .. | 1 | 1 | 6 | 66 |
| 29. Cerebrovascular Disease | M | 78 | .. | .. | .. | .. | .. | 1 | 2 | 5 | 11 | 27 | 32 |
| | F | 123 | .. | .. | .. | .. | .. | .. | .. | 3 | 9 | 33 | 78 |
| 30. Other Diseases of Circulatory System .. | M | 18 | .. | .. | .. | .. | .. | .. | .. | .. | 4 | 4 | 10 |
| | F | 48 | .. | .. | .. | .. | .. | .. | .. | .. | 5 | 11 | 32 |
| 31. Influenza | M | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| | F | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 32. Pneumonia | M | 59 | 2 | 1 | 1 | .. | .. | 1 | .. | 3 | 6 | 14 | 31 |
| | F | 103 | 1 | 1 | .. | 1 | .. | .. | 1 | 3 | 4 | 18 | 74 |
| 33. Bronchitis and Emphysema | M | 86 | .. | .. | .. | 1 | .. | .. | 2 | 5 | 16 | 31 | 31 |
| | F | 36 | .. | .. | .. | .. | .. | .. | .. | 3 | 3 | 10 | 20 |
| 34. Asthma | M | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. |
| | F | 3 | .. | .. | .. | .. | .. | .. | .. | 2 | .. | .. | 1 |
| 35. Other Diseases of Respiratory System .. | M | 13 | .. | 1 | 1 | .. | .. | .. | .. | 1 | 2 | 3 | 5 |
| | F | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 5 |
| 36. Peptic Ulcer | M | 3 | .. | .. | .. | .. | .. | 2 | .. | .. | .. | 1 | .. |
| | F | 2 | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 |
| 37. Appendicitis | M | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | F | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. |
| 38. Intestinal Obstruction and Hernia | M | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 3 |
| | F | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 2 |
| 39. Cirrhosis of Liver | M | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. |
| | F | 4 | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 2 | 1 |
| 40. Other Diseases of Digestive System | M | 6 | .. | .. | .. | .. | 1 | .. | .. | .. | .. | 1 | 4 |
| | F | 8 | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 2 | 5 |
| 41. Nephritis and Nephrosis | M | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| | F | 3 | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 2 |
| 42. Hyperplasia of Prostate.. | M | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 3 |
| | F | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 43. Other Diseases, Genito-Urinary System | M | 11 | .. | 1 | .. | .. | .. | .. | .. | 2 | .. | 3 | 5 |
| | F | 10 | .. | .. | .. | .. | .. | .. | 1 | 1 | 1 | 3 | 4 |
| 44. Abortion..... | F | 2 | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | .. |
| | M | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. |
| 45. Diseases of Skin, Subcutaneous Tissue .. | M | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | F | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 46. Diseases of Musculo- Skeletal System | M | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 1 |
| | F | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 | 5 |
| 47. Congenital Anomalies .. | M | 5 | 1 | 3 | .. | .. | .. | .. | .. | .. | 1 | .. | .. |
| | F | 8 | 6 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| 48. Birth Injury, Difficult Labour, etc. | M | 10 | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | F | 2 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 49. Other Causes of Perinatal Mortality .. | M | 3 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | F | 4 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 50. Symptoms and Ill Defined Conditions .. | M | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4 |
| | F | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 |
| 51. Motor Vehicle Accidents | M | 8 | .. | .. | .. | .. | 1 | .. | 1 | 1 | 2 | 1 | 2 |
| | F | 8 | .. | .. | .. | 1 | .. | 1 | 1 | 1 | .. | 1 | 3 |
| 52. All Other Accidents | M | 7 | .. | 1 | .. | 1 | .. | .. | .. | 1 | 2 | .. | 2 |
| | F | 9 | .. | 1 | 1 | .. | .. | .. | .. | .. | 2 | 1 | 4 |
| 53. Suicide and Self- Inflicted Injuries | M | 3 | .. | .. | .. | .. | .. | 1 | .. | .. | 1 | 1 | .. |
| | F | 2 | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | .. |
| 54. All Other External Causes | M | 2 | .. | .. | .. | .. | 1 | 2 | .. | .. | .. | .. | .. |
| | F | 5 | .. | .. | .. | .. | 1 | 1 | 2 | .. | 1 | .. | .. |
| Total All Causes | M | 783 | 16 | 10 | 3 | 2 | 3 | 9 | 16 | 62 | 149 | 256 | 257 |
| | F | 843 | 14 | 3 | 4 | 2 | 3 | 4 | 13 | 33 | 89 | 206 | 470 |

NO. OF CHILDREN WITH
Table 2 CONGENITAL ABNORMALITIES NOTIFIED AT BIRTH

| Code | Category | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 | 1970 | A 1971 | B 1971 |
|----------|---|------|------|------|------|------|------|------|-----------|-----------|
| 0 | Central Nervous System | | | | | | | | | |
| | Spina Bifida | 5 | 1 | .. | 3 | 2 | 2 | 3 | 3 | 7* |
| | Anencephalic | 1 | 1 | .. | .. | .. | .. | .. | 4 | 5* |
| | Hydrocephalus | .. | .. | .. | 1 | 1 | 1 | 1 | 1 | 2* |
| | Dorsal Meningocele | .. | .. | .. | .. | .. | .. | 2 | 2 | 2 |
| | Erbs Palsy | .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| | Microcephalic | .. | .. | .. | .. | .. | .. | .. | .. | 1* |
| 1 | Eye and Ear | | | | | | | | | |
| | Ear—Rt accessory auricle .. | 1 | 2 | 1 | 1 | .. | .. | .. | 1 | 1 |
| | Corneal Opacity—both lens .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. |
| | Cataract—congenital | .. | .. | .. | 1 | .. | .. | .. | .. | .. |
| | Pupils—unequal | .. | .. | .. | 1 | .. | .. | .. | .. | .. |
| | Left eye—absent | .. | .. | .. | .. | 1 | .. | .. | .. | .. |
| | Ear—cartilage defect | .. | .. | .. | 1 | .. | .. | .. | .. | 1* |
| 2 | Alimentary System | | | | | | | | | |
| | Hare Lip | 1 | .. | 1 | 1 | 1 | 1 | 1 | 1 | 3* |
| | Hirschsprung Disease | 2 | .. | .. | .. | .. | .. | .. | .. | .. |
| | Umbilical Hernia | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| | Cleft Palate | .. | .. | 2 | 1 | .. | 1 | 2 | .. | 3* |
| | Anus — imperforate | .. | .. | .. | 1 | .. | .. | .. | 1 | 1 |
| | Rectal Atresia | .. | .. | .. | .. | 1 | .. | .. | .. | .. |
| | Congenital hiatus hernia | .. | .. | .. | .. | 2 | .. | .. | .. | .. |
| | Sub lingual cyst | .. | .. | .. | .. | 1 | .. | .. | 1 | 1 |
| | Glossoptosis microenathus .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. |
| | Oesophageal Atresia | .. | .. | .. | .. | .. | .. | .. | 1 | 2* |
| | Abdominal tumour | .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| 3 | Heart & Circulatory System | | | | | | | | | |
| | Congenital heart lesion | 2 | 1 | .. | .. | .. | 1 | 1 | 1 | 1 |
| | Heart—septal defect | .. | .. | .. | .. | 1 | .. | .. | 1 | 1 |
| | Rt side cephalematoma | .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| | Hyaline membrane diseased .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| 5 | Urino-Genital System | | | | | | | | | |
| | Genitals | 1 | .. | .. | .. | .. | .. | 1 | 1 | 1 |
| | Hypospadias | .. | .. | 1 | 1 | 2 | .. | 1 | .. | .. |
| | Malformation—kidney | .. | .. | .. | .. | 1 | .. | .. | 1 | 1 |
| | Ectopic bladder | .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| | Imperforate meatus | .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| 6 | Limbs | | | | | | | | | |
| | Osteomalacia | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| | Talipes | 2 | 3 | 3 | 7 | 4 | 3 | 2 | 5 | 7* |
| | Polydactyly | 1 | .. | .. | .. | .. | .. | 1 | 2 | 3* |
| | Thumb bone missing | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| | Extra digits—both hands .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. |
| | Webbed toes | .. | 1 | 2 | .. | .. | .. | 1 | .. | .. |
| | Hand—fingers malformed .. | .. | 1 | .. | 1 | .. | 1 | 1 | 2 | 2 |
| | Hand—webbed finger | .. | .. | .. | 1 | .. | .. | .. | .. | .. |
| | Hips—bilateral dislocation .. | .. | .. | .. | .. | 1 | .. | 1 | .. | .. |
| | Syndactyly—toes | .. | .. | .. | .. | 2 | .. | .. | .. | 1 |
| | Flexion deformity—thumbs .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. |
| | Dropped wrist | .. | .. | .. | .. | .. | 1 | .. | .. | .. |
| | Legs—severe abnormality .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. |
| | Absence left forearm | .. | .. | .. | .. | .. | .. | 1 | .. | .. |
| | Malformed Arms and legs .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| 7 | Other Parts of | | | | | | | | | |
| | Muscular Skeletal System | | | | | | | | | |
| | Sacrum irregularity | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| | Muscle deformity | .. | .. | 1 | .. | .. | .. | .. | .. | .. |
| | Crown of head | .. | .. | .. | .. | 1 | .. | .. | .. | .. |
| | Base of spine—depression .. | .. | .. | 1 | .. | 1 | .. | .. | .. | .. |
| | Rt sterno mastoid tumour .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. |
| 8 | Other Systems | | | | | | | | | |
| | Pilonoidal sinus | 5 | 2 | .. | 1 | .. | 1 | 3 | 1 | 3* |
| | Pilonoidal dimple | 1 | .. | 1 | .. | .. | .. | 1 | .. | .. |
| | Haemangioma | 1 | .. | .. | .. | .. | 2 | .. | 1 | 1 |
| | Birthmarks | 1 | 1 | 1 | 4 | .. | 3 | 5 | 3 | 3 |
| | Ichthyosis | .. | .. | .. | .. | .. | 1 | .. | .. | .. |
| | Exomphalos | .. | .. | .. | .. | .. | 1 | 1 | .. | .. |
| | Perineal skin tag | .. | .. | .. | .. | .. | .. | 1 | .. | .. |
| | Rt foot skin tag | .. | .. | .. | .. | .. | .. | 1 | .. | .. |
| 9 | Other Malformations | | | | | | | | | |
| | Hygroma chest | 2 | .. | .. | .. | .. | .. | .. | .. | 1 |
| | Mongolism | .. | 2 | 1 | 1 | 2 | .. | 2 | 1 | 1 |
| | Multiple malformation | .. | .. | .. | 1 | .. | .. | 2 | 10* | * |
| | Chromosome abnormality .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. |
| | Disorders of function | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | Metabolic acidosis | .. | .. | .. | .. | .. | .. | 1 | .. | .. |
| A | Total numbers of children with congenital abnormalities notified at birth | 31 | 17 | 17 | 28 | 25 | 21 | 37 | 51 | |
| B | Total number of abnormalities showing nature of the multiple abnormalities | | | | | | | | | 61 |

* Includes cases where Multiple Abnormalities have occurred

**SANITARY CIRCUMSTANCES
FOOD SUPPLY
AND INFECTIOUS DISEASES**

SANITARY INSPECTION OF THE AREA.

During the year, the following visits and inspections were made by the Public Health Inspectors :

| | | | | | | |
|--|----|----|----|----|----|------|
| Number of complaints investigated | .. | .. | .. | .. | .. | 1745 |
| Applications for Corporation Houses | .. | .. | .. | .. | .. | 487 |
| Choked sewers or Street Gullies | .. | .. | .. | .. | .. | 125 |
| Choked or defective drains | .. | .. | .. | .. | .. | 219 |
| Common Yards, Passages, etc. | .. | .. | .. | .. | .. | 99 |
| Dirty and Verminous Premises | .. | .. | .. | .. | .. | 407 |
| Food Shops | .. | .. | .. | .. | .. | 1555 |
| Infectious Diseases | .. | .. | .. | .. | .. | 1777 |
| Inspections of dwelling houses | .. | .. | .. | .. | .. | 707 |
| Interviews | .. | .. | .. | .. | .. | 805 |
| Knackers Yards | .. | .. | .. | .. | .. | 29 |
| Licensed premises | .. | .. | .. | .. | .. | 264 |
| Lodging Houses, Common | .. | .. | .. | .. | .. | 7 |
| Houses in multiple occupation :-Lettings | .. | .. | .. | .. | .. | 128 |
| Miscellaneous | .. | .. | .. | .. | .. | 2312 |
| Offensive Trades | .. | .. | .. | .. | .. | 44 |
| Rent Act | .. | .. | .. | .. | .. | 1 |
| Rodent Control | .. | .. | .. | .. | .. | 646 |
| Schools | .. | .. | .. | .. | .. | 120 |
| Smallpox Contacts | .. | .. | .. | .. | .. | 12 |
| Smoke Observations.. | .. | .. | .. | .. | .. | 34 |
| Stables & Piggeries | .. | .. | .. | .. | .. | 2 |
| Wasps Nests | .. | .. | .. | .. | .. | 47 |
| Theatres and Cinemas | .. | .. | .. | .. | .. | 28 |
| Re-visits after Notice, Dwelling Houses | .. | .. | .. | .. | .. | 3837 |
| Revisits after Notices, Other Premises | .. | .. | .. | .. | .. | 609 |
| Ineffectual Visits | .. | .. | .. | .. | .. | 1796 |
| Slum Clearance.. | .. | .. | .. | .. | .. | 662 |
| Clean Air Stations | .. | .. | .. | .. | .. | 163 |
| Water Samples | .. | .. | .. | .. | .. | 16 |
| Drains Tested | .. | .. | .. | .. | .. | 219 |
| Noise Abatement | .. | .. | .. | .. | .. | 279 |
| Pet Shops | .. | .. | .. | .. | .. | 25 |
| Factories | .. | .. | .. | .. | .. | 232 |

Offensive Trades

The number of offensive trades is three. These consist of one Fat Extracting; one Gut Scraping and one Tripe Boiling. There is also one Knackers Yard. All are visited regularly.

Insanitary Dwellings

Seven houses were closed during the year as being unfit for human habitation.

Verminous Premises and Persons

Two hundred and eighty premises comprising two thousand rooms have been disinfested. Three hundred and eighty-one infested persons were treated at the Cleansing Centre.

Infected Premises

Thirty private dwelling houses comprising thirty eight rooms, were disinfested following cases of infectious disease.

Common Lodging Houses

The Salvation Army Hostel (71 male lodgers) in Regent Street is the only common lodging house in the Borough.

It is inspected regularly and is a well run establishment.

Houses in Multiple Occupation

There are a number of houses in multiple occupation in the town. There is no preponderance of immigrants occupying this type of accommodation as most appear to buy houses of their own. It is true however that they tend to live in certain areas of the town.

Local Land Charge Enquiries

When properties are put up for sale the solicitor for the purchaser enquires from the Local Authority whether or not there is anything outstanding against the premises. So far as this department is concerned it means checking by the various inspectors to see if any requirements of the following Acts have not been complied with : Public Health ; Housing ; Food and Drugs ; Shops, etc., and Clean Air Acts.

During the year enquiries were received concerning three thousand one hundred and forty eight premises.

RODENT CONTROL.

Sewer Control

During the year 942 manholes which had been infested at some time in the past were poisoned using oatmeal with paranitrophenol and the poison fluoracetamide. No test baiting was carried out due to staff shortage and to the other commitments of the operators.

Surface Control

During 1971, 1796 complaints of rat and mouse infestation were received. This is 481 more than in the previous year. The number of complaints of rats was 809 and mice 987. On investigation however 349 complaints did not show any infestation. Empty premises and their associated accumulations of rubbish continue to be a source of complaint. The increase in the number of rat complaints appears to be due to the fact that the public are becoming more anxious to report any suspicions they may have, and in the case of mice, whereas in years gone by people tended to deal with their own mouse problems themselves, they now request the Local Authority to do it for them.

Complaints

| | | | |
|--|------|----|-----|
| No. of complaints received and investigated— : | Rats | .. | 809 |
| | Mice | .. | 987 |
| No. of infestations found | Rats | .. | 539 |
| | Mice | .. | 908 |

Survey

| | | | |
|-------------------------------------|------|----|-----|
| No. of properties inspected | .. | .. | 492 |
| No. of infestations found | Rats | .. | 5 |
| | Mice | .. | 3 |

Treatments

| | | | |
|-------------------------------------|----|----|------|
| No. of premises treated | .. | .. | 1442 |
| No. of visits re-treatments | .. | .. | 5835 |
| Defective drains found | .. | .. | 5 |
| Defective drains repaired | .. | .. | 10 |

DISEASES OF ANIMALS ACT

During the year an outbreak of Fowl Pest was confirmed at a farm within the Borough. The appropriate restrictions were put into operation.

Other visits under the Act were of a routine character.

As in previous years close co-operation with the Officers of the R.S.P.C.A. has been maintained.

Details of action taken are as follows :—

Foot and Mouth Disease (Controlled Areas Restrictions) Orders 1938 and 1956

| | | | |
|--------------------------|----|----|------|
| Movement licences issued | .. | .. | Nil. |
|--------------------------|----|----|------|

Regulation of Movement of Swine Order 1959.

| | | | |
|--------------------------|----|----|----|
| Movement licences issued | .. | .. | 67 |
|--------------------------|----|----|----|

Diseases of Animals (Waste Foods) Order 1957.

| | | | |
|---------------------------|----|----|---|
| Visits to licenced plants | .. | .. | 4 |
|---------------------------|----|----|---|

Fowl Pest Order, 1936

| | | | |
|----------------------------|----|----|---|
| Visits regarding Fowl Pest | .. | .. | 3 |
|----------------------------|----|----|---|

Cattle Imported from Ireland.

| | | | |
|---------------------------|----|----|------|
| Movement licences issued: | .. | .. | Nil. |
|---------------------------|----|----|------|

Other Visits

| | | | |
|--------------------------|----|----|----|
| Farms (movement records) | .. | .. | 85 |
|--------------------------|----|----|----|

| | | | |
|--|--|--|----|
| Cattle Market (transport etc., of animals) | | | 63 |
|--|--|--|----|

| | | | |
|---------------------------------|----|----|----|
| Knackers Yards.. .. . | .. | .. | 29 |
| (Hygiene and Humane conditions) | | | |

| | | | |
|--------------------------|----|----|----|
| Pet Shops (Licencing of) | .. | .. | 25 |
|--------------------------|----|----|----|

| | | | |
|-------------------------|----|----|---|
| Boarding Establishments | .. | .. | 2 |
|-------------------------|----|----|---|

No prosecutions were instituted during the year but a caution was issued to the Secretary of the Auction Mart Co., regarding the unsatisfactory condition of the auction ring prior to an auction.

The R.S.P.C.A. Inspector was informed regarding a diseased stirk that had been brought into the auction. At a later date the R.S.P.C.A. instituted legal proceedings against the owner.

FACTORIES ACT, 1961, AND THE SANITARY ACCOMMODATION REGULATIONS, 1938

| | Non-Power | Power | Other Premises | Total |
|---------------------------------------|-----------|-------|----------------|-------|
| Number of factories on Register | 16 | 601 | 19 | 636 |
| Number of Inspections | 1 | 122 | 4 | 127 |
| Number of re-visits | 1 | 103 | 1 | 105 |
| Cases where defects found | 1 | 25 | 2 | 28 |
| Written notices | .. | 11 | .. | 11 |
| Verbal notices | 1 | 14 | 2 | 17 |
| Cases remedied | .. | 35 | 1 | 36 |
| Referred to H.M.I. | .. | .. | .. | .. |
| Referred by H.M.I. | .. | 6 | .. | 6 |
| Prosecutions | .. | .. | .. | .. |

CASES WHERE DEFECTS WERE FOUND.

| | Found | Rem- edied | Referred | | Prose- cutions |
|---|-------|---------------|-----------|-----------|-------------------|
| | | | to H.M.I. | by H.M.I. | |
| Sec. 1. Want of Cleanliness | .. | .. | .. | .. | .. |
| Sec. 2. Overcrowding | .. | .. | .. | .. | .. |
| Sec. 3. Unreasonable temperatures | .. | .. | .. | .. | .. |
| Sec. 4. Inadequate ventilation | .. | .. | .. | .. | .. |
| Sec. 6. Ineffective drainage of floors | .. | .. | .. | .. | .. |
| Sec. 7. Sanitary Conveniences | | | | | |
| (a) Insufficient | .. | .. | .. | .. | .. |
| (b) Unsuitable or defective | 26 | 34 | .. | 5 | .. |
| (c) Not separate for sexes | 2 | 2 | .. | 1 | .. |
| Other offences against the Act (not including offences relating to outworkers) .. | .. | .. | .. | .. | .. |
| TOTAL | 28 | 36 | .. | 6 | .. |

SEWERAGE AND SEWAGE DISPOSAL

I am indebted to the Borough Engineer for the following comments on Sewerage and Sewage Disposal.

During the year the following sewerage works were carried out:

Ashworth Street main drainage scheme.

Ashworth Street housing site sewers.

Darwen Street Bridge main sewer diversion.

Roman Road to Milking Lane main sewer to serve the Industrial site at Roman Road.

Pearl Street housing site.

Bennington Street housing site.

Private developers sites.

WATER SUPPLY.

I am indebted to Mr. K. Crook, Divisional Engineer (Eastern Division) to the Fylde Water Board for the following report on the town's water supply.

| | |
|---|----------|
| Mains laid : 3" and over | 7.01 Km. |
| Domestic properties connected | 445 |
| Separate service pipes under grant-aided scheme | 197 |
| Increase in consumption | 2.7% |

No new sources of supply have been brought into use during the year.

BACTERIOLOGICAL ANALYSIS.

| Source of Sample | Number Examined | No. free from Coliform Organisms | Per cent. Satisfactory | Aerobic micro-organisms growing in Yeastral Agar No. of Colonies per ml. of sample | |
|-----------------------|-----------------|----------------------------------|------------------------|---|--------------------|
| | | | | in 2 days at 37°C. | in 3 days at 22°C. |
| Fishmoor Distribution | 79 | 79 | 100% | 1 | 3 |
| Revidge „ | 78 | 78 | 100% | 3 | 9 |
| Ramsgreave „ | 27 | 27 | 100% | 2 | 12 |
| Eddy Holes „ | 26 | 26 | 100% | 3 | 13 |

CHEMICAL ANALYSIS

| | Ramsgreave system | Fishmoor & Guide system |
|--|-------------------|-------------------------|
| Appearance | Clear & Bright | Clear & Bright |
| Colour (Hazen p.p.m. Pt) | 6 | 5 |
| Turbidity (p.p.m. Silica) | Nil. | Nil. |
| Odour.. .. . | Nil. | Nil. |
| Taste | Normal | Normal |
| Reaction pH value | 8.0 | 8.0 |
| Electrical Conductivity. u.m.h.o./cc | 125 | 108 |
| | p.p.m. | p.p.m. |
| Residual Chlorine | 0.15 | 0.20 |
| Free and Saline Ammonia as N2 | 0.08 | 0.09 |
| Albuminoid Ammonia as N2 | 0.16 | 0.04 |
| Nitrous Nitrogen as N2 | 0.003 | 0.003 |
| Nitric Nitrogen as N2 | 0.38 | 0.20 |
| Oxygen absorbed 4 hrs. at 27°C. | 0.78 | 0.55 |
| Free Acidity as CO2 | .. | .. |
| Carbonate Hardness as CaCO3 | 18 | 10 |
| Total Hardness as CaCO3 | 48 | 36 |
| Non-carbonate Hardness as CaCO3 | 30 | 26 |
| Excess Alkalinity as Na2CO3 | .. | .. |
| Calcium as CaCO3 | 42 | 28 |
| Magnesium as CaCO3 | 6 | 8 |
| Total Solids dried at 180°C. | 92 | 90 |
| Chloride as Cl | 12 | 12 |
| Sulphate as SO4 | 30 | 28 |
| Lead as Pb | less than 0.05 | less than 0.05 |
| Manganese as Mn | 0.03 | 0.02 |
| Copper as Cu | .. | .. |
| Iron as Fe | 0.04 | 0.04 |
| Aluminium as Al | 0.10 | 0.08 |
| Fluoride as F | less than 0.10 | less than 0.10 |

MEAT INSPECTION

Table 3

CARCASSES INSPECTED AND CONDEMNED.

| | Cattle excd'g Cows | Cows | Calves | Sheep and Lambs | Pigs | Goats |
|---|--------------------------|------|--------|-----------------------|-------|-------|
| Number killed | 4336 | 3363 | 174 | 41749 | 11774 | .. |
| Number inspected | 4336 | 3363 | 174 | 41749 | 11774 | .. |
| All Diseases except Tuberculosis : | | | | | | |
| Whole carcasses condemned | 2 | 8 | 10 | 189 | 58 | .. |
| Carcases of which some part or organ was condemned | 1738 | 2838 | 16 | 8964 | 3878 | .. |
| Percentage of the number inspected with disease other than tuber- culosis | 40.1 | 84.6 | 14.9 | 21.9 | 33.4 | .. |
| Tuberculosis only : | | | | | | |
| Whole carcasses condemned | .. | .. | .. | .. | .. | .. |
| Carcases of which some part or organ was condemned | .. | .. | .. | .. | 18 | .. |
| Percentage of number inspected affected with tuberculosis | .. | .. | .. | .. | 0.15 | .. |

Cysticercus Bovis

During the year one case was discovered in the course of meat inspection at the abattoir. This was a localised case and after rejection of the offal and affected parts, the carcase was sent into cold storage for the appropriate period.

Details of Carcases rejected for diseases other than Tuberculosis :

CATTLE

| | | | |
|--------------------------|---|----------------------------|-----------|
| Fevered | 3 | Septic Peritonitis | 3 |
| Pyæmia | 1 | Oedema and emaciation .. | 2 |
| Septic Pericarditis.. .. | 1 | | |
| | | Total | <u>10</u> |

SHEEP

| | | | |
|----------------------------|----|---------------------------|------------|
| Septic Peritonitis | 2 | Fevered | 3 |
| Oedema | 19 | Mucoid Degeneration | 23 |
| Pyæmia | 5 | Septic Pneumonia | 14 |
| Multiple Abscesses | 4 | Emaciation | 106 |
| Multiple Cysts | 1 | Severe Bruising | 5 |
| Septic Mastitis | 1 | Moribund | 4 |
| Arthritis | 1 | Gangrenous | 1 |
| | | Total | <u>189</u> |

CALVES

| | | | |
|--------------------------|---|-------------------|-----------|
| Septic Enteritis | 1 | Joint Ill | 2 |
| Immaturity | 3 | Pyæmia | 2 |
| White Scour | 1 | Fevered.. .. . | 1 |
| | | Total | <u>10</u> |

PIGS

| | | | |
|--------------------------|----|---------------------------|-----------|
| Pyæmia | 26 | Septic Peritonitis.. .. . | 2 |
| Arthritis.. .. . | 1 | Septic Pneumonia | 1 |
| Multiple Abscesses | 2 | Fevered | 1 |
| Bruising | 1 | Erysipelas | 3 |
| Emaciation | 21 | | |
| | | Total | <u>58</u> |

DISPOSAL OF CONDEMNED MEAT

Public Abattoir. The condemned meat and offal from the Public Abattoir is sold to three firms of fat melters and fertilizer manufacturers. Such material is either processed within the Borough at premises which are regularly visited, or is sold to other approved processors outside the Borough.

Carcases, etc. sent for Utilisation : 58 tons 7 cwts. 65 lbs.

INSPECTION OF OTHER FOODS

Number of Visits to Inspect Food

| | | | |
|-------------------------|-----|----------------------|----|
| Meat Shops | 39 | Fish Market | 14 |
| Provision Shops | 103 | Fish Siding | 13 |
| Meat Market | 12 | Miscellaneous.. .. . | 61 |

INSPECTION OF CONTAINERISED FOODSTUFFS

This consists of foods which are received in sealed containers not having been inspected at the port of entry. There were eight such consignments inspected. All were found to be satisfactory.

Other Foodstuffs seized or surrendered

| | | | |
|--|------------|-----------------------------|-------------|
| Tins and Jars of Miscellaneous Foods | 13,421 | Fruits | 4,261-lbs. |
| Frozen Foods | 3,688-pks. | Vegetables | 21,477-lbs. |
| | | Miscellaneous Foods | 3,447-lbs. |

Wholesale Fish Market. Unsound fish is sold to a fertilizer manufacturer outside the Borough.

Other Foods. All other unsound foodstuffs are collected and disposed of by the Corporation.

FOOD HYGIENE

INSPECTION OF FOOD PREMISES

There are within the Borough the following food premises :—

| | | | | | | |
|---|----|----|----|----|----|-----|
| Grocers | .. | .. | .. | .. | .. | 340 |
| Greengrocers and Wet Fish Shops | .. | .. | .. | .. | .. | 37 |
| Butchers | .. | .. | .. | .. | .. | 124 |
| Cooked Meat Premises (other than Butcher) | .. | .. | .. | .. | .. | 20 |
| Bakers and Confectioners | .. | .. | .. | .. | .. | 136 |
| Fried Fish Shops | .. | .. | .. | .. | .. | 85 |
| Cafes and Snack Bars | .. | .. | .. | .. | .. | 60 |
| Licensed Premises | .. | .. | .. | .. | .. | 187 |
| Mobile Shops | .. | .. | .. | .. | .. | 18 |
| Stalls | .. | .. | .. | .. | .. | 101 |

The following table shows the numbers and types of premises registered under :—

(a) Food and Drugs Act, 1955 :

| | | | | | |
|--|----|----|----|----|-----|
| Manufacture, Sale or | .. | .. | .. | .. | 572 |
| Storage for Sale of Ice-cream | .. | .. | .. | .. | 83 |
| Manufacture of Sausages and Cooked Meats | .. | .. | .. | .. | |

(b) Milk and Dairies (General) Regulations :

| | | | | | |
|------------------------------|----|----|----|----|---|
| Number of Registered Dairies | .. | .. | .. | .. | 4 |
|------------------------------|----|----|----|----|---|

Summary of Premises Visited :

| | | | | | | |
|-----------------------------------|----|----|----|----|----|------|
| Licensed Premises | .. | .. | .. | .. | .. | 255 |
| Butchers and Cooked Food Premises | .. | .. | .. | .. | .. | 109 |
| Cafes and Snack Bars, etc. | .. | .. | .. | .. | .. | 294 |
| Grocers | .. | .. | .. | .. | .. | 620 |
| Bakehouses and Confectioners | .. | .. | .. | .. | .. | 201 |
| Fish Fryers and Crisp Fryers | .. | .. | .. | .. | .. | 147 |
| Greengrocers | .. | .. | .. | .. | .. | 177 |
| Mobile Shops | .. | .. | .. | .. | .. | 16 |
| Total Visits | .. | .. | .. | .. | .. | 1819 |

| | | | | | |
|--|----|----|----|----|------|
| Number of Premises Inspected | .. | .. | .. | .. | 1315 |
| Number Found Satisfactory | .. | .. | .. | .. | 1073 |
| Number Found Unsatisfactory | .. | .. | .. | .. | 242 |
| Number of re-visits to Unsatisfactory Premises | .. | .. | .. | .. | 504 |
| Number of Premises made Satisfactory | .. | .. | .. | .. | 191 |
| Visits re proposed Food Premises | .. | .. | .. | .. | 46 |
| Miscellaneous visits | .. | .. | .. | .. | 23 |

FOOD HYGIENE REGULATIONS, 1960.
DETAILS OF CONTRAVENTIONS FOUND.

Table 4

Food Premises :

| | <i>Found</i> | <i>Remedied</i> |
|---|--------------|-----------------|
| Dirty Equipment | 69 | 73 |
| Equipment in bad repair | 32 | 32 |
| Equipment not protected from contamination | 7 | 7 |
| Food placed as to involve risk of contamination | 63 | 68 |
| Persons with dirty clothing | 2 | 2 |
| Persons smoking in food rooms | 6 | 8 |
| Persons with exposed cuts | — | — |
| Outdoor clothing in food room | — | — |
| Suitable overclothing not worn | 3 | 1 |

Sanitary Conveniences :

| | | |
|--|----|----|
| Not indicated with sex of user | — | 1 |
| Not in repair | 10 | 10 |
| Inadequately screened | — | — |
| Not clean | 23 | 30 |
| Not ventilated | 2 | 4 |
| Not lighted | 16 | 13 |
| In direct communication | 3 | 1 |
| No "wash hands" notices | 26 | 27 |
| No door fasteners | 4 | 1 |
| Absence of suitable wash hand basin | 10 | 9 |
| Absence of constant hot water | 8 | 10 |
| Absence of constant cold water | 3 | 4 |
| Absence of soap or detergent | 7 | 11 |
| Absence of nail brushes | 19 | 21 |
| Absence of clean towels, etc. | 3 | 7 |
| Absence of suitable first aid materials | 30 | 26 |
| Absence of suitable accommodation for clothing | 2 | 5 |
| Absence of suitable sink | 9 | 7 |
| Absence of constant hot water to sink | 9 | 7 |
| Absence of constant cold water to sink | 3 | 1 |
| Absence of clean cloths for drying | — | — |
| Sinks not clean and in working order | — | — |
| Absence of name & address on food vehicle | — | — |

Food Rooms :

| | | |
|--------------------------------------|-----|-----|
| Not efficiently lighted | 2 | 2 |
| Not sufficiently ventilated | 17 | 15 |
| Walls not clean | 127 | 130 |
| Walls not in good repair | 27 | 30 |
| Floors not clean | 42 | 40 |
| Floors not in good repair | 22 | 27 |
| Doors not clean | — | — |
| Doors not in good repair | — | — |
| Windows not clean | 5 | 5 |
| Windows not in good repair | 2 | 4 |
| Woodwork not clean | 13 | 12 |
| Wood work not in good repair | 2 | 3 |
| Ceilings not clean | 84 | 93 |
| Ceilings not in good repair | 9 | 15 |
| Infestation by rodents | 1 | 3 |
| Accumulation of refuse | 8 | 10 |
| Infestation by insects | 1 | 2 |
| Infestation by birds | 1 | 1 |

Markets and Stalls

Apart from mobile food vendors, all stalls in Blackburn are accommodated in the new Market Hall.

In addition to 5 cafes and 3 mini-food shops there are 25 food stalls which are open daily and 76 which are open for 3 days only per week.

All are inspected regularly.

During the year 73 stalls were found to be unsatisfactory in some respect, all of which were subsequently made satisfactory.

Details of Contraventions :

| | | | | | | | <i>Found</i> | <i>Remedied</i> |
|-------------------------------------|----|----|----|----|----|----|--------------|-----------------|
| Inadequate protection of foodstuffs | .. | .. | .. | .. | .. | .. | 66 | 66 |
| Accumulations of Refuse | .. | .. | .. | .. | .. | .. | — | — |
| Stalls not clean | .. | .. | .. | .. | .. | .. | 6 | 6 |
| Name and address not displayed | .. | .. | .. | .. | .. | .. | — | — |
| Employees Smoking | .. | .. | .. | .. | .. | .. | 1 | 1 |

Agriculture (Welfare) Act 1956

Twenty-one farms were visited in connection with the employment of farm labour.

Fertiliser and Feeding Stuffs Act, 1926

Twelve informal samples of feeding stuffs and fertilisers were examined by the Analyst during the year. Seven were reported satisfactory and five unsatisfactory. The necessary action was taken following report on the unsatisfactory samples.

Food Poisoning

There were fifty-nine cases of food poisoning during the year, fifty-two of which were notified. The remaining seven were discovered by other means.

Food and Drugs Act, 1955

During the year one hundred and twelve samples of milk were submitted to the Public Analyst. Ninety samples were reported satisfactory, thirteen were reported unsatisfactory because of poor quality, and three unsatisfactory owing to fat deficiency. Six showed the presence of extraneous water in slight amounts. In each case the producers were advised and a warning given where called for. A further one hundred and seventy-two samples of other foods and drugs were taken, twenty two of which were reported as adulterated.

The following shows the action taken respecting the twenty-two samples reported not genuine.

| <i>Articles sampled</i> | <i>Analyst's Report</i> | <i>Action Taken</i> |
|-------------------------------|---|--|
| Double Cream | Consisted of pasteurised double cream, yet labelled "Fresh Double Cream". | Manufacturer interviewed. Cartons being phased out. New cartons containing description 'Pasteurised Cream'. Word "fresh" not used. |
| Raspberry Waffles | Claims on label for "whole milk and eggs". Not justified by amount of these constituents. | Manufacturer interviewed and agreed to amend statement of ingredients. |
| Pork Sausage. | 6% deficient in lean meat. | Letter of warning sent. |
| Iron Tonic Tablets. | Declaration of iron ambiguous. Could be read to imply twice the amount of iron. | Manufacturer interviewed and agreed to amend statement of ingredients. |
| Butterscotch Supreme Dessert. | Contained no butterfat. | Formal sample to be obtained. |
| Bread. | Incorrectly described with the word "enriched". | Baker advised of his responsibilities under "the labelling of food Order". |
| Lemon and Lime Drink | Contained cyclamates. | All stocks immediately withdrawn. |
| Milk Chocolate Fudge | Ingredients incorrectly stated. | Advised to communicate with importer and notify of unsatisfactory label. |
| Cherry filled Chocolate | Contained prohibited preservative | This chocolate was imported. Stocks withdrawn from sale. |
| Strawberry filled Chocolate. | Contained prohibited preservative | This chocolate was imported. Stocks withdrawn from sale. |
| Orange filled Chocolate | Contained prohibited preservative | This chocolate was imported. Stocks withdrawn from sale. |
| Pineapple filled Chocolate | Contained prohibited preservative | This chocolate was imported. Stocks withdrawn from sale. |
| Extra Energy Tablets | Composition of tablet does not justify use of the name — "Extra Energy Tablets". | Manufacturer notified. |
| Strawberries | Fruit stained with green colour from punnet. | Manufacturer notified. Colour to be rendered insoluble. |

| | | |
|-----------------------------|---|--|
| Cab Driver Linctus | Alcohol content not as declared | Manufacturer notified. |
| Channel Island Milk | Contained excess of Penicillin | Producer advised, Letter of warning |
| Butterscotch Dessert Powder | Contained no Butterfat | Fined £50 with £5.60 costs. |
| Milk Slab Nougat | Chocolate covering did not contain cocoa butter or milk fat | Vendor advised |
| Vegetable Ghee | Incorrectly labelled | Importer notified |
| Almond flavoured lunch | Excessively flavoured | Manufacturer notified. |
| Meat & Potato Pie | Excessively deficient in meat. | Formal sample to be taken. |
| Six Meat & Potato Pies | Deficient in meat. | Proceedings not possible under existing legislation. |

OTHER COMPLAINTS INVESTIGATED AND ACTION TAKEN

Complaint

Piece of metal in tinned Rice Pudding
Beetle in Meat & Potato Pie.

Margarine slightly rancid.
Bhusa unfit for consumption.
Mouldy Yoghurt (slight).
Fly in Chicken Paste.
Wood in Meat & Potato Pie.
Wood in Potato Pie.
Metal in Ice Cream.

Fly in Meat Pie.

Tin of Baby Food alleged to have caused sickness.

Chocolate alleged to be unsatisfactory.

Alleged mice droppings in trifle.

Insect in crust of Loaf.
Steel wool in bottle of sterilised milk.
Rancid butter.
Beetle in Irish Mallow.

Barm cake containing small piece of black dough.
Pasteurised milk in dirty bottle.

Complaint of sickness after eating Corned Beef.

Action Taken

Letter of warning sent.
Manufacturer prosecuted.
Fined £25 plus £5.60 costs.
Verbal warning.
Letter of warning sent.
Verbal warning.
Letter of warning sent.
Letter of warning sent.
Baker cautioned.
Metal came from server—
vendor cautioned.
Sale took place in adjoining
Authority. Referred to this
Authority.
Food examined and found
satisfactory.
Chocolate old and in an
unsatisfactory condition.
Stocks withdrawn by manu-
facturer.
No mice droppings present
Contaminant — pieces of
black grease.
Warning to Bakery.
Letter of warning to Dairy.
17 lbs. of butter withdrawn.
Referred from adjoining
Authority. Examined whole-
salers stock — goods satis-
factory.
Confectioner warned.
Letter of warning sent to
Dairy.
Corned Beef chemically and
bacteriologically examined
and found satisfactory.

Complaint

Complaint of lack of meat in a Potato Pie.
Cheese alleged to have caused sickness.

Mouldy crumpets.

Clear plastic in doughnut.

Mouldy Potato Cakes.
Mouldy Crumpets.
Sliced loaf containing old dough.
Chips alleged to be unsound.

Small unsliced loaf containing four black specks.
Mouldy sliced loaf.
Roast Ham alleged to be unsound, in Ham Sandwich.

Mouldy Pre-Packed Fruit Pie.

Mouldy Marmalade.

Insect in bread.

Tin of sliced Tongue — mouldy.

Insect in Baby Food (earwig)

Glass in Malt Loaf.
Mouldy Sausage Rolls.
Steak Pudding unfit for human consumption.

Potato Pie containing beetle.

Mixed Grill alleged to be unfit for human consumption
Unsound apples.

Meat Pie containing rubber band.

Bread containing oil stains.

Chips alleged to be contaminated with paraffin.
Uncooked chicken unfit for human consumption.

Tinned shoulder of ham alleged to be unfit
for human consumption.
Piece of cooked steak alleged to be horseflesh.

Nail in tinned Rice Pudding.
Piece of wood in Liver and Onion Dinner.
Insects in packet of rice.

Action Taken

Pie satisfactory.
Examined and found satisfactory.
Crumpets several days old.
Letter of warning to manufacturer.
Manufacturer prosecuted and fined £15.
Letter of warning sent.
Letter of warning sent.
Letter of warning sent.
No action.
Chips satisfactory.
Verbal notice to Bakery.
Letter of warning sent.
Ham satisfactory. Butter on sandwich rancid.
No action. Butter put on sandwich by complainant.
Sold after usage date.
Warning letter sent to vendor.
No action. Mould removed by complainant.
Probably flour moth.
Warning letter sent to Bakery.
Imported — Wholesaler cautioned.
Unable to determine point of entry. Producer notified.
Letter of warning sent.
Letter of warning sent.
Complainant did not desire formal action — letter of warning sent.
Vendor/Manufacturer prosecuted. Fined £50.
Complaint not justified.
Interviewed Market Vendor concerned.
Letter of warning sent to Bakery.
Letter of warning sent to Baker.
Not proved.
Letter of warning sent to Vendor.
Ham fit for consumption—
No action.
Could not be established to be horseflesh. For this, and other reasons, no action taken.
Letter of warning sent.
Letter of warning sent.
Infested with weevils.
Inspected stock at place of sale.
161 packets of rice;
38 packets of split peas;
32 packets of tapioca;

Complaint

Action Taken

Tin of imported Ham unfit for human consumption

Mouldy sliced brown loaf.

Unidentified foreign body in small tin of Corned Beef.
Hot Pot alleged to be unsound.

Sour Pork Sausages.

Wire in Stewed Steak.

Tin of Processed Peas containing Pod.
Constipation Tea infested with grubs from
Senna leaves.

Dried Milk contaminated with fumes from fuel oil.

Milk in dirty bottle.

String in Steak and Kidney Pie.

Tin of Ham unfit for human consumption.

Drinking Chocolate infested with cocoa moth grub.
Black puddings alleged to be unsound.

Mouldy Vegetable Soup. (tinned).
Smoked Haddock alleged to be unsound.

Piece of hide in Steak and Kidney Pie.

Tin of Steak and Kidney Pie only partly filled.

Tinned Potatoes unfit for human consumption.

Custard Pie dirty on external surfaces.
Pre-packed Soft Cheeses stated to be unfit
for human consumption.

Beef Sausage alleged to contain no meat.

Piece of wire in Chocolate Bun.
Grub in bar of Chocolate

Suspected dressing in Malt Loaf.

Moth in Liqueur Chocolates.

12 packets of pearl barley;
13 packets of semolina with-
drawn from sale and des-
troyed. All infested with
weevils.

Letter of warning to Whole-
saler.

Letter of warning sent to
Bakery.

Verbal Notice to Vendor.
None available for exami-
nation. No action taken.

Sausages sold after with-
drawal date. Vendor warned
Letter of warning sent.

Letter of warning sent.
Stock withdrawn. Warning
given.

Wholesaler aware of this.
All stocks withdrawn from
sale.

Letter of warning to Dairy.
concerned.

Considerable time had
elapsed between purchase
and complaint. Vendor and
manufacturer interviewed.
Ham packed in East Europe.
Wholesaler advised.

Stock surrendered.
Examined and found to
be satisfactory.

Letter of warning sent.
Found to be satisfactory.
No action.

Letter of warning to manu-
facturer.

Brought to the notice of the
manufacturer.

No Potatoes available for
examination. No action
taken.

Letter to Baker.

Examined all 6 cheeses —
in packet infested with
cheese mite. 6 packets in
Shop examined. All infested
Stocks withdrawn.

Examined and found satis-
factory.

Warning letter to Baker.

Inspected vendor's premi-
ses. Grubs discovered in
similar type of chocolate.
Stocks withdrawn.

Foreign body in Loaf found
to be a piece of American
oil cloth. Letter of warning
to Baker.

Inspected Vendor's premi-
ses. No moths found.
Warning given.

ICE CREAM

The number of premises registered for the manufacture, sale or storage for sale of ice cream has increased. During 1971 15 such applications were received, whilst 2 registrations were cancelled.

| | | |
|--|----|-----|
| Number on Register, 31st December, 1970 | .. | 559 |
| Number of Registrations discontinued during 1971 | | 2 |
| Number of premises registered during 1971 | .. | 15 |
| Number on Register, 31st December, 1971 | .. | 572 |

Bacteriological Examination

Fifty-nine samples were taken of which forty-nine came within Grade 1, five in Grade 2, two in Grade 3 and three in Grade 4. One lolly ice was examined and found satisfactory.

Chemical Examination

The present standard is 5% fat and 7½% milk solids not fat.

Six samples were submitted to the Public Analyst and were chemically satisfactory.

ICE CREAM PREMISES

Three hundred and fourteen visits were made to registered premises and twenty-five warnings given for various contraventions.

Ice Cream Vehicles

Six vehicles were inspected and one verbal notice given for various contraventions.

DAIRIES AND MILK SUPPLY

Dairies

Two hundred and twenty-eight visits were made to dairies. Ten verbal notices were given and three letters sent for contraventions of the Milk and Dairies regulations.

Farms

Seventy-eight visits were made in connection with adverse reports on milk samples, and advice given to the farmers concerned.

Milk Vehicles

Twenty-one milk vehicles were inspected during the year. Five verbal notices were given and a letter sent for contravention.

Milk (Special Designations) Regulations, 1960

Two hundred and seven samples of designated milk were bacteriologically examined.

The following table shows the grades of milk examined and the results of the tests :—

Table 5

| CLASS OF MILK | Number of samples | Number satisfactory | Number not satisfactory | TESTS FAILED | | |
|--|-------------------|---------------------|-------------------------|--------------|----------------|------------|
| | | | | Phosphatase | Methylene Blue | Biological |
| Pasteurised | 76 | 65 | 11 | 2 | 11 | .. |
| Sterilised | 22 | 22 | .. | .. | .. | .. |
| Ultra Heat Treated | 16 | 16 | .. | .. | .. | .. |
| Untreated | 93 | 76 | 17 | .. | 17 | .. |
| All grades examined for Tuberculosis | 52 | 52 | .. | .. | .. | .. |
| Brucella Abortus | 58 | 48 | 10 | .. | .. | .. |

Brucella Abortus

Ten milks were found to be infected with Brucella Abortus organisms. Four were from herds in Blackburn County Borough. The milk from individual cows in these four infected herds was examined. Infected animals were segregated and eventually removed from the herds and slaughtered.

The remaining six were produced in adjoining areas, the milk being sold retail in the County Borough.

The appropriate Authorities were notified and steps were taken to ensure that the herds concerned were rendered free from infection.

Cream

Fourteen samples of cream were bacteriologically examined and eight found to be satisfactory. Five were reported to be unsatisfactory.

Foods other than milk

Fifty-five samples of a variety of foods, mainly cooked meats, were sent for bacteriological examination. Of these thirteen were considered to be unsatisfactory. The producers and retailers of these unsatisfactory foods were interviewed and advised.

Bottles

Six washed mineral water bottles have also been bacteriologically examined. All were reported satisfactory.

HOUSING

(a) General

| | | | |
|------------------------------|--------------------------|-----|--|
| Houses built during 1971 : | | | |
| (i) By Corporation : | Houses and Flats | 196 | |
| (ii) By Private Enterprise : | Houses | 211 | |
| | TOTAL | 407 | |

(b) Statistics

1. INSPECTION OF DWELLING-HOUSES DURING THE YEAR :

| | | |
|---------|---|------|
| (1) (a) | Total Number of dwelling houses inspected for housing defects (under Public Health or Housing Acts) | 707 |
| (b) | Number of inspections made for the purpose | 3837 |
| (2) (a) | Number of dwelling houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 | Nil |
| (b) | Number of inspections made for the purpose | Nil |
| (3) | Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation | 21 |
| (4) | Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation | 567 |

2 REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES :

| | |
|---|-----|
| Number of defective dwelling houses rendered fit in consequence of informal action by Local Authority or their officers | 478 |
|---|-----|

3. ACTION UNDER STATUTORY POWERS DURING THE YEAR :

A. Proceedings under the Housing Act, 1957, ss 9, 10 and 16 :

| | | |
|-----|---|------|
| (1) | Number of dwelling houses in respect of which notices were served requiring repairs | Nil. |
| (2) | Number of dwelling houses which were rendered fit after service of formal notices :— | |
| (a) | By Owners | Nil. |
| (b) | By local authority in default of owners | Nil. |

B. Proceedings under Public Health Acts :

| | |
|--|-----|
| (1) Number of notices outstanding at 31.12.70 | 23 |
| (2) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied | 107 |
| (3) Number of dwelling-houses in which defects were remedied after service of formal notices :— | |
| (a) By owners | 49 |
| (b) By local authority in default of owners | 71 |
| (4) Number of notices outstanding at 31.12.71 | 10 |

C. Proceedings under ss. 16 and 17 of the Housing Act, 1957 :

| | |
|---|------|
| (1) Number of dwelling-houses in respect of which Demolition Orders were made | Nil. |
| (2) Number of dwelling-houses demolished in pursuance of Demolition Orders | Nil. |
| (3) Number of dwelling-houses in respect of which Closing Orders were made | Nil. |
| (4) No. of dwelling-houses in respect of which Closing Orders were determined | Nil |
| (5) Undertaking accepted not to relet | 7 |
| (6) Dwelling-houses demolished voluntarily | Nil. |

D. Proceedings under Section 18 of the Housing Act, 1957 :

| | |
|---|------|
| (1) Number of separate tenements or underground rooms in respect of which Closing Orders were made | Nil. |
| (2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit | Nil. |

E. Proceedings under Blackburn Improvement Act 1882 :

| | |
|--|------|
| (1) Number of houses closed under Section III. | 7 |
| (2) Number of houses demolished under Section 112. | Nil. |

RENT ACT, 1957.

This act came into operation on 6th July, 1957, and amended the Rent and Mortgage Interest Restrictions Acts 1920 to 1939 and other enactments relating to the control of rents and the right to retain possession of houses. The Act deals in the main with matters relating to landlord and tenant, and makes provision whereby a tenant may under certain circumstances, make application to the Local Authority for a certificate of disrepair. Only one visit has been made during the year in connection with the Act and no applications were received for certificates of disrepair.

SLUM CLEARANCE

Report by Mr. F. Forrest, Senior Housing Inspector.

The year saw the commencement of the Scotland Road Re-development Scheme by the representation of the eight Clearance Areas which form the basis of the first phase.

The Scheme in its entirety will see the removal of large numbers of truly unfit dwellings, many of which have not been fit for living in for many years past. These properties have had a useful "life", but inferior construction, time and weather have all taken their toll, and despite efforts of some of the owners to maintain them their demolition is inevitable and could be foreseen years ago.

Confirmation of the Lower Audley Street Compulsory Purchase Order was received from the Department of the Environment in April, and this was the only Order to be confirmed during the year; and five Clearance Areas were contained therein.

A start was made during the year of an appreciation of capabilities to accelerate the rate of Clearance, together with the more rapid re-housing of displaced families, and all that this entails. The need of an accurate assessment of the property in the Borough is now becoming more vital. To produce a viable programme of Clearance and Improvement running together is essential, and the only base from which to produce an efficient scheme is an overall picture of property condition.

The present Clearance Programme was devised in 1962, and as 1971 is the penultimate year of that part of it that is definite in its intention the need for a re-appraisal is self-evident.

The resulting factors will all be considered together in an effort to realise the aspirations of those in authority to improve the lot of these less fortunate, badly housed members of the community, as swiftly as possible.

TABLE 6

PROGRESS REPORT — SLUM CLEARANCE
TO DECEMBER 31st, 1971.

| Name of Area | Date of Representation | Number of Premises Represented | | Date of Confirmation of Order | Number of houses still occupied | Date Site cleared |
|----------------------|------------------------|--------------------------------|-----|-------------------------------|---------------------------------|-------------------|
| Canning Street No. 1 | Aug. 63 | 1st year | 4 | Oct. 64 | .. | Sept. 67 |
| Canning Street No. 2 | Aug. 63 | | 182 | | .. | Sept. 67 |
| Canning Street No. 3 | Aug. 63 | | 2 | | .. | Sept. 67 |
| Eccles Street | Oct. 63 | | 181 | Jan. 65 | .. | Sept. 67 |
| Tontine Street No. 1 | Nov. 63 | | 57 | | .. | Sept. 66 |
| Tontine Street No. 2 | Nov. 63 | | 4 | | .. | March 67 |
| Richmond Hill No. 1 | Nov. 63 | | 4 | | .. | March 67 |
| Richmond Hill No. 2 | Nov. 63 | | 5 | | .. | March 67 |
| Richmond Hill No. 3 | Nov. 63 | | 3 | | .. | March 67 |
| Bank Top No. 1 | Feb. 64 | 2nd year | 92 | Feb. 65 | .. | Nov. 66 |
| Bank Top No. 2 | Feb. 64 | | 31 | | .. | Jan. 67 |
| Bank Top No. 3 | Feb. 64 | | 2 | | .. | May 66 |
| Primrose Hill | April 64 | | 20 | May 65 | .. | July 66 |
| Kemp Street No. 1 | April 64 | | 88 | July 65 | .. | May 68 |
| Kemp Street No. 2 | April 64 | | 8 | July 65 | .. | March 67 |
| Paradise Lane No. 1 | Dec. 64 | | 17 | | .. | Oct. 68 |
| Paradise Lane No. 2 | Dec. 64 | | 3 | | .. | Dec. 98 |
| Paradise Lane No. 3 | Dec. 64 | | 2 | Dec. 66 | .. | Dec. 68 |
| Paradise Lane No. 4 | Dec. 64 | | 3 | | .. | Dec. 68 |
| Paradise Lane No. 5 | Dec. 64 | | 15 | | .. | Jan. 69 |
| Paradise Lane No. 6 | Dec. 64 | | 3 | | .. | Jan. 69 |
| Paradise Lane No. 7 | Dec. 64 | | 5 | | .. | July 68 |
| Birley Street No. 1 | Dec. 64 | | 68 | | .. | May 68 |
| Birley Street No. 2 | Dec. 64 | | 5 | | .. | Nov. 67 |
| Birley Street No. 3 | Dec. 64 | | 3 | | .. | Nov. 67 |
| Birley Street No. 4 | Dec. 64 | | 8 | | .. | Nov. 67 |
| Birley Street No. 5 | Dec. 64 | | 5 | July 66 | .. | Nov. 67 |
| Birley Street No. 6 | Dec. 64 | | 72 | | .. | Nov. 67 |
| Birley Street No. 7 | Dec. 64 | | 15 | | .. | Oct. 67 |
| Birley Street No. 8 | Dec. 64 | | 59 | | .. | Oct. 67 |

| Name of Area | Date of Representation | Number of Premises Represented | Date of Confirmation of Order | Number of houses still occupied | Date Site cleared |
|-----------------------|------------------------|--------------------------------|-------------------------------|---------------------------------|-------------------|
| Accrington Road No. 1 | Dec. 64 | 22 | Feb. 66 | .. | Feb. 68 |
| Accrington Road No. 2 | Dec. 64 | 2 | .. | .. | Feb. 68 |
| Barnes Street No. 1 | Dec. 64 | 4 | .. | .. | Aug. 67 |
| Barnes Street No. 2 | Dec. 64 | 5 | .. | .. | Aug. 67 |
| Barnes Street No. 3 | Dec. 64 | 4 | .. 66 | .. | Feb. 68 |
| Barnes Street No. 4 | Dec. 64 | 8 | July | .. | Mar. 68 |
| Barnes Street No. 5 | Dec. 64 | 40 | .. | .. | Mar. 68 |
| Ashworth Street No. 1 | Dec. 65 | 6 | .. | .. | July 68 |
| Ashworth Street No. 2 | Dec. 65 | 4 | .. | .. | June 68 |
| Ashworth Street No. 3 | Dec. 65 | 12 | .. | .. | June 67 |
| Ashworth Street No. 4 | Dec. 65 | 5 | July 67 | .. | Mar. 68 |
| Ashworth Street No. 5 | Dec. 65 | 14 | .. | .. | Oct. 68 |
| Ashworth Street No. 6 | Dec. 65 | 307 | .. | .. | July 69 |
| Ashworth Street No. 7 | Dec. 65 | 2 | .. | .. | June 69 |
| Whalley New Road | June 66 | 101 | Oct. 67 | .. | Oct. 70 |
| Forrest Street | Nov. 66 | 51 | Oct. 67 | .. | Oct. 69 |
| Harrison Street | Nov. 66 | 73 | .. | .. | Feb. 70 |
| Vauxhall Street No. 1 | Nov. 66 | 8 | .. | .. | Aug. 71 |
| Vauxhall Street No. 2 | Nov. 66 | 2 | .. | .. | April 68 |
| Vauxhall Street No. 1 | Dec. 66 | 25 | .. | .. | Oct. 71 |
| Islington No. 2 | Dec. 66 | 2 | .. | 1 | .. |
| Goit Street | Purchased Informally | 29 | .. | .. | Oct. 67 |
| Stanley Street | Purchased Informally | 17 | .. | .. | .. |
| | | 46 | .. | .. | Jan. 66 |
| Wensley Street No. 1 | Feb. 67 | 11 | .. | 1 | .. 71 |
| Wensley Street No. 2 | Feb. 67 | 6 | .. | .. | Jan. 69 |
| Wensley Street No. 3 | Feb. 67 | 3 | .. | .. | June 69 |
| Wensley Street No. 4 | Feb. 67 | 13 | May 68 | .. | June 69 |
| Wensley Street No. 5 | Feb. 67 | 3 | .. | .. | June 69 |
| Wensley Street No. 6 | Feb. 67 | 5 | .. | .. | June 69 |
| Denville Street No. 1 | Aug. 67 | 139 | .. | 5 | .. |
| Denville Street No. 2 | Aug. 67 | 3 | .. | .. | .. |
| Grimsbow Park No. 4 | Aug. 67 | 112 | Dec. 68 | .. | Nov. 70 |

| Name of Area | Date of Representation | Number of Premises Represented | Date of Confirmation of Order | Number of houses still occupied | Date Site cleared |
|-------------------|------------------------|--------------------------------|-------------------------------|---------------------------------|-------------------|
| Swan Street | Dec. 67 | 34 | May 69 | .. | Nov. 70 |
| Park Lee Road | Dec. 67 | 7 | Mar. 69 | .. | Jan. 70 |
| Abbott Street | Dec. 67 | 11 | Jan. 69 | .. | Nov. 70 |
| Court Fold | Dec. 67 | 23 | July 69 | .. | Feb. 70 |
| Witton Stocks | Dec. 67 | 4 | July 69 | .. | .. |
| Harwood Street | Dec. 67 | 23 | July 69 | .. | .. |
| Park Place | Dec. 67 | 3 | Mar. 69 | .. | Dec. 71 |
| Iron Street | Dec. 67 | 5 | Mar. 69 | 1 | .. |
| Iron Street | Dec. 67 | 3 | Mar. 69 | .. | May 71 |
| Clayton Street | Dec. 67 | 5 | Mar. 69 | 2 | .. |
| Back Ivy Street | Dec. 67 | 3 | Mar. 69 | .. | May 69 |
| Redlam | Dec. 67 | 10 | July 69 | 4 | .. |
| Everton | Dec. 67 | 9 | Mar. 69 | 1 | .. |
| Crossfield Street | Dec. 67 | 4 | Mar. 69 | .. | May 71 |
| Crossfield Street | Dec. 67 | 7 | Mar. 69 | .. | May 71 |
| Crossfield Street | Dec. 67 | 2 | Mar. 69 | .. | May 71 |
| Primrose Terrace | Dec. 68 | 17 | Aug. 69 | .. | Feb. 70 |
| Anvil Street | Dec. 68 | 13 | .. | .. | .. |
| Anvil Street | Dec. 68 | 14 | .. | 1 | .. |
| Anvil Street | Dec. 68 | 215 | .. | 19 | .. |
| Anvil Street | Dec. 68 | 18 | .. | 5 | .. |
| Anvil Street | Dec. 68 | 2 | .. | .. | .. |
| Anvil Street | Dec. 68 | 11 | .. | 6 | .. |
| Anvil Street | Dec. 68 | 4 | .. | 1 | .. |
| Anvil Street | Dec. 68 | 3 | .. | 2 | .. |
| Thompson Street | .. | 10 | .. | 1 | .. |
| Thompson Street | .. | 103 | .. | 52 | .. |
| Thompson Street | .. | 2 | .. | .. | .. |
| Thompson Street | .. | 60 | .. | 5 | .. |
| Thompson Street | .. | 2 | .. | .. | June 71 |
| Thompson Street | .. | 4 | .. | 3 | .. |
| Lower Audley | .. | 6 | .. | 3 | .. |
| Lower Audley | .. | 2 | .. | 1 | .. |
| Lower Audley | .. | 3 | .. | .. | .. |
| Lower Audley | .. | 3 | .. | .. | .. |
| Lower Audley | .. | 103 | .. | 3 | .. |
| Fort Street | .. | 9 | .. | 3 | .. |
| Fort Street | .. | 96 | .. | 5 | .. |
| Galligraeve St. | .. | 217 | .. | 108 | .. |
| | .. | 180 | .. | 83 | .. |
| | .. | 67 | .. | 6 | .. |

| Name of Area | Date of Representation | Number of Persons Represented | Date of C'nfirmation of order | Number of houses still occupied | Date site cleared |
|---------------------|------------------------|-------------------------------|-------------------------------|---------------------------------|-------------------|
| Arthur Street | Purchased Informally | 21 | | 8 | |
| Scotland Road No. 1 | Nov. 1971 | 4 | | 4 | |
| No. 2 | Nov. 1971 | 155 | | 114 | |
| No. 3 | Nov. 1971 | 8 | | 8 | |
| No. 4 | Nov. 1971 | 4 | | 3 | |
| No. 5 | Nov. 1971 | 28 | | 20 | |
| No. 6 | Nov. 1971 | 11 | | 5 | |
| No. 7 | Nov. 1971 | 81 | | 50 | |
| No. 8 | Nov. 1971 | 40 | | 30 | |

TOTAL OF UNFIT HOUSES DEALT WITH 1956-71

1956 - 62

| | | | |
|--|----|----|-------|
| Number of houses represented in Clearance Areas | .. | .. | 1423 |
| Individual unfit houses represented during 7 years | .. | .. | 130 |
| Houses acquired for demolition by negotiation | .. | .. | 237 |
| | | | <hr/> |
| | | | 1790 |
| | | | <hr/> |

1963 - 71

| | | | |
|--|----|----|-------|
| Number of houses represented in Clearance Areas | .. | .. | 3627 |
| Individual unfit houses represented during 7 years | .. | .. | 77 |
| Houses acquired for demolition by negotiation | .. | .. | 709 |
| Number of houses closed by informal agreement | .. | .. | 64 |
| | | | <hr/> |
| | | | 4477 |
| | | | <hr/> |

GRAND TOTAL UNFIT HOUSES DEALT WITH 1956-1971 — 6267

NOISE ABATEMENT.

During the year twenty-one complaints of noise nuisance were investigated. Of these five were in relation to industry, seven from commercial activities and nine from domestic premises. Of the latter, seven related to barking dogs and two to noisy behaviour of neighbours. Barking dogs are probably the most difficult to deal with, although the Noise Abatement Act is far from being a very satisfactory piece of legislation for dealing with domestic complaints.

In the main Industrial concerns are quite co-operative in attempting to solve noise problems.

There have been no cases where legal action has been considered necessary.

Details of complaints investigated are as follows:

- (1) **Industrial:** Noise from Saw Mill.
Observations were made to determine the extent of the noise but the matter was resolved when the saw mill closed down.
- (2) **Commercial:** Noise from a Club.
Complaints were of loud music and noise on "entertainment" nights. Co-operation by the Club Management reduced the noise and satisfied the complainant.
- (3) **Industrial:** Noise from Paper Mill.
Observations made but no nuisance could be established.
- (4) **Domestic:** Barking Dogs.
No nuisance established. It later was discovered that the complainant had complained because she didn't like dogs.
- (5) **Domestic:** Barking Dog.
Owner had the dog destroyed.
- (6) **Commercial:** Noise from Club.
Management re-arranged the "concert" room and satisfied the complainants.
- (7) **Industrial:** Noise from the delivery of fuel oil late at night.
Management re-arranged times of fuel oil deliveries after which no further complaints were received.
- (8) **Domestic:** Barking Dogs.
Owner of dogs was co-operative, which resulted in an improvement and no further complaints were received.
- (9) **Commercial:** Noise from Dry Cleaner/Laundrette.
Owner had machinery re-insulated which reduced the noise to satisfaction of complainants.
- (10) **Domestic:** Noisy Lodgers.
Noise caused by lodgers singing, shouting and having rows late at night. The matter was resolved when they were given notice to quit by the owners.
- (11) **Commercial:** Noise from mixing machine in bakehouse.
The occupier of the bakehouse had the machines mounted on rubber pads which greatly reduced noise and vibration.
- (12) **Industrial:** Noise from barking guard dogs.
The security firm who own the dogs were requested to try changing the dogs for animals less excitable. This they did and after experimenting with different dogs, improvement was effected.

- (13) **Domestic:** Singing of neighbours.
No action considered necessary.
- (14) **Industrial:** Foundry.
A recurrence of trouble experienced last year. The firm have now moved to an industrial estate where it is anticipated that no further complaints will be received.
- (15) **Domestic:** Barking dogs.
Petition presented to Health Department complaining of noise from dogs. Owner moved away from district.
- (16) **Domestic:** Barking dog.
Recurrence of trouble experienced in 1970. Petition received concerning it. Owner solves the problem by getting rid of the dog, but later obtains another and over a period of time has had a number of dogs. He likes big dogs with big barks. The problem has not yet been finally resolved.
- (17) **Domestic:** Barking dogs.
Recurrence of trouble experienced last year, of a problem family who keep dogs. Improvements effected are only temporary and then the trouble arises again. Will probably arise again in the future.
- (18) **Commercial:** Noise from small garage.
Noise of compressor, hammering and radio on loud volume, sometimes at night. Noise nuisance not definitely established but matter resolved by proprietor moving to other premises.
- (19) **Commercial:** Noise from small garage.
Noise caused by vehicles and working late at night. Proprietors advised concerning the matter and no further complaints received.
- (20) **Commercial:** Noise from a Fish and Chip Shop.
Noise alleged to occur during the night by owner chopping meat and fish. Thought to be a peculiar complaint, but after communicating with the owner no further complaints received.
- (21) **Domestic:** Barking dog.
Owner of the dog interviewed and complainant satisfied.

THE OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963
ANNUAL REPORT FOR THE YEAR 1971
(1st January - 31st December)

Report by Mr. N. Morris, Shops and Offices Inspector

Progress continued on Phase II of the Central Area Re-Development, the majority of the shop units being occupied by the end of the year. Joint meetings between the Development Company Representatives, their Architects, the prospective occupiers and their architects and the various Corporation Departments concerned helped to smooth the way when plans were discussed in the initial stages.

Other routine work had, of necessity, to take secondary place to the Central Area.

Registration and General Inspection of Premises

Seventy-one notifications of employment of persons were received during the year and forty-eight were taken off the register.

Nine hundred and twenty-four premises remained on the register at the end of the year.

Three hundred and two General Inspections were carried out.

Details are set out in Appendix I.

Legal Proceedings

No legal action was required during the year.

Accidents

Twenty-one "Notice of Accident" were received, details being as follows:

| <i>Type of Premises</i> | <i>Cause of Accident</i> | <i>Nature of Injury to Employee</i> |
|-----------------------------------|--------------------------------|-------------------------------------|
| 1. Licensed Restaurant | Using knife | Cut hand. |
| 2. Office (Telephone Exchange) | Falling on stairs. | Sprained foot. |
| 3. Office (Bank) | Falling on stairs. | Bruised legs. |
| 4. Multiple Store. | Falling on step. | Sprained ankle. |
| 5. Retail Shop (Drapers) | Falling on stairs. | Torn ligament in leg. |
| 6. Multiple Store. | Falling off chair. | Sprained ankle. |
| 7. Multiple Store. | Falling off shelving. | Lacerated finger. |
| 8. Licensed Dance Hall. | Falling on floor. | Strained side. |
| 9. Wholesale Stockists. | Falling off step ladder. | Sprained ankle. |
| 10. Multiple Store. | Struck by falling object. | Bruised leg. |
| 11. Retail Shop (Grocers) | Opening door. | Cut finger. |
| 12. Office (Bank). | Struck by falling object. | Fractured toes. |
| 13. Retail Shop (Footwear). | Struck by falling object. | Cut wrist. |
| 14. Multiple Store. | Lifting side of bacon. | Fractured wrist. |
| 15. Wholesale Confectioners. | Falling on floor. | Lacerated leg. |
| 16. Office (Post Office Sorting) | Gas explosion in boiler. | Multiple burns. |
| 17. Wholesale Builders Merchants. | Struck by side board of lorry. | Fractured toe. |
| 18. Multiple Store. | Struck by falling object. | Bruised shin. |
| 19. Licensed Dance Hall. | Falling on Floor | Fractured arm and shoulder blade. |
| 20. Retail Shop (Grocers). | Falling on stairs. | Sprained ankle. |
| 21. Multiple Store. | Handling goods. | Fractured bone in foot. |

In sixteen cases it was considered necessary to investigate. Letters were sent to the occupiers of three of the premises concerned, verbal intimations were given in three other cases, and advice and suggestions made in others.

Health and Welfare Provisions—Contraventions

Cleanliness : (Section 4)

Out of three hundred and two premises inspected, cleanliness was unsatisfactory to some degree in twenty seven cases.

Overcrowding : (Section 5)

In three premises the number of persons employed in a particular room exceeded that permitted.

Temperature : (Section 6(2))

Where work does not involve severe physical effort a temperature of 16°C (60.8°F) must be maintained after the first hour. In four cases the temperature was found to be below that required.

Thermometers : (Section 6(4))

A sufficient number of thermometers was not provided in fifty three premises. In some of these cases thermometers had been provided but were broken, others were not registering correctly.

Ventilation : (Section 7)

Ventilation of some part of the premises was regarded as inadequate in twenty-one cases.

Lighting : (Section 8)

In four cases the lighting of some part of the premises was considered to be not sufficient or suitable.

Sanitary Conveniences : (Section 9—Sanitary Conveniences Regs. 1964)

In sixty cases the Sanitary Conveniences were in some way unsuitable. In three cases numbers were insufficient.

Washing Facilities : (Section 10—The Washing Facilities Regs. 1964)

In twenty seven cases unsuitable washing facilities were provided, whilst in five the facilities were considered insufficient.

Drinking Water : (Section 11)

In no cases was the supply of drinking water inadequate.

Accommodation for Clothing : (Section 12)

In one instance only was there inadequate accommodation for outdoor clothing.

Sitting Facilities : (Section 13)

Suitable facilities are to be provided at suitable places for employees to sit when the opportunity arises. In two cases none were provided.

Seats for Sedentary Work : (Section 14)

Where work is, or can be done sitting, suitable seats, and where necessary, foot rests are to be provided. In all instances those provided were considered suitable.

Eating Facilities : (Section 15)

Where employees in shops eat meals there, suitable and sufficient facilities are to be provided. The arrangements were satisfactory in all of the premises visited.

Floors, Passages and Stairs : (Section 16)

In fifty two cases some cause for complaint was found. In many instances the handrail to the stairs was inadequate or non-existent, in others, worn treads, worn nosings to treads, defective floor coverings and badly worn floor boards accounted for a number of the unsatisfactory conditions.

Fencing of Exposed Parts of Machinery : (Section 17—The Prescribed Dangerous Machine Order, 1964)

Every dangerous part of any machinery used, as or forming part of, the equipment of premises, shall be securely fenced unless so positioned or constructed as to be safe. In twelve instances machinery was found to be inadequately fenced.

First Aid : (Section 24—The Offices, Shops and Railway Premises First Aid Order, 1964)

A First Aid Box had not been provided at many of the premises inspected, in other cases the Box did not contain the necessary requisites and appliances. Sixty five contraventions were found, due mainly to non-replacement of used materials.

Disposal of Sanitary Dressings : (The Sanitary Conveniences Regulations, 1964)

At two premises the arrangements for the disposal of sanitary dressings was not satisfactory.

Dangerous Conditions and Practices : (Section 22)

In five cases conditions existed where there was an element of danger.

Exemption from Certain Provisions : (Section 46)

No applications for exemptions were received or granted.

Abstract : (Section 50—The Information for Employees Regulations 1965)

The Regulations require an employer to keep on display an Abstract of the Act, or to give each employee a specified explanatory booklet. In eighty two instances this Regulation was not complied with.

Details and summary of contraventions found and remedied are shown in Appendix II.**General**

The continuing good liaison and co-operation with H.M. Factory Inspectorate, The Building Design Partnership, Laing Property Services Ltd. and various Corporation Departments has facilitated the enforcement of the Act and Regulations somewhat, and this has been noticeable during the construction and fitting out of Phase II of the Central Area Re-development and the increased building activity in other parts of the town.

Plans submitted, covering all aspects of building, continue to increase and these have all been inspected and I thank the Borough Surveyor's Department for their co-operation.

APPENDIX I.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963.

DETAILS OF INSPECTIONS DURING 1971.

| CLASS OF PREMISES | Number on Register at 1.1.71. | Number of General Inspections | Total Number of Visits | Premises where Contraventions Found | Contravention Letter Sent | Verbal Intimation Given | Premises where Contraventions Remedied | Prosecutions | Accidents Notified | Accidents Investigated | No. of Premises Registered during 1971 | Premises added on Re-classification | No. taken off Register during 1971 | Premises subtracted on Re-classification | No. on Register at 31.12.71 | Analysis of persons employed in registered premises by workplace at 31.12.71 |
|----------------------------|-------------------------------|-------------------------------|------------------------|-------------------------------------|---------------------------|-------------------------|--|--------------|--------------------|------------------------|--|-------------------------------------|------------------------------------|--|-----------------------------|--|
| Offices | 321 | 101 | 260 | 45 | 40 | 5 | 60 | .. | 4 | 4 | 20 | .. | 14 | 4 | 323 | 4077 |
| Retail Shops | 450 | 151 | 508 | 68 | 58 | 10 | 71 | .. | 11 | 8 | 45 | 2 | 26 | .. | 471 | 3280 |
| Wholesale Shops/Warehouses | 57 | 23 | 47 | 10 | 7 | 3 | 10 | .. | 3 | 2 | 2 | .. | 1 | .. | 58 | 735 |
| Catering Establishments .. | 70 | 26 | 118 | 13 | 11 | 2 | 22 | .. | 3 | 2 | 4 | 1 | 7 | .. | 68 | 772 |
| Canteens | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 | 21 |
| Fuel Storage Depots .. | .. | 1 | 1 | 1 | .. | 1 | .. | .. | .. | .. | .. | 1 | .. | .. | 1 | 10 |
| TOTALS .. | 901 | 302 | 934 | 137 | 116 | 21 | 163 | .. | 21 | 16 | 71 | 4 | 48 | 4 | 924 | 8895 |

APPENDIX II

DETAILS OF CONTRAVENTIONS FOUND AND REMEDIED.

| CLASS OF PREMISES | S.4 | | S.5 | | S.6 | | S.7 | S.8 | S.9 | | S.10 | | S.11 | S.12 | S.13 | S.14 | S.15 | S.16 | S.17 | S.24 | | S.22 | S.50 |
|----------------------------|-------------|------------------|--------------|-------------|------------|-------------|-------------|----------|------|-------|-------|------|----------------|-------------------|--------------------|------------------|-------------------|--|---------------------------------|---------------------------------|--|-------------------------------|------------------------|
| | Cleanliness | Not Satisfactory | Overcrowding | Temperature | Inadequate | Thermometer | Ventilation | Lighting | San. | Conv. | Wash. | Fac. | Drinking Water | Accom. for Cloth- | Sitting facilities | Seats unsuitable | Eating facilities | Floors, Passages & Stairs not satisfy. | Fencing of Machinery inadequate | First Aid facilities inadequate | Disposal of San. dressings inadequate. | Dangerous cond. and practices | Abstract not Displayed |
| Outstanding 1.1.71 .. | 82 | | 3 | 30 | 127 | 61 | 5 | 10 | 163 | 10 | 100 | 8 | Nil | 4 | 14 | 8 | 1 | 181 | 29 | 170 | 6 | Nil | 218 |
| | F | R | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F |
| Offices .. | 12 | 12 | 2 | .. | 16 | 33 | 6 | 8 | 22 | 27 | 1 | .. | .. | .. | .. | .. | .. | 21 | 1 | 18 | 2 | .. | 22 |
| Retail Shops .. | 10 | 19 | 1 | 4 | 29 | 30 | 10 | 14 | 26 | 36 | 2 | 15 | 22 | 3 | 2 | 7 | 1 | 22 | 44 | 38 | 43 | 1 | 44 |
| Wholesale Shops | | | | | | | | | | | | | | | | | | | | | | | |
| Warehouses .. | 1 | 3 | .. | .. | 3 | 2 | 4 | 2 | 5 | 6 | .. | 3 | 4 | 1 | 1 | .. | .. | 4 | 5 | 3 | 4 | .. | 6 |
| Catering | | | | | | | | | | | | | | | | | | | | | | | |
| Establishments | 3 | 6 | .. | .. | 5 | 9 | 3 | 1 | 7 | 8 | 2 | 4 | 4 | 1 | 1 | .. | .. | 5 | 12 | 1 | 4 | 6 | 10 |
| Canteens .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 |
| Fuel Storage | | | | | | | | | | | | | | | | | | | | | | | |
| Depots .. | 1 | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| TOTALS .. | 27 | 40 | 3 | 4 | 11 | 53 | 76 | 21 | 60 | 77 | 3 | 4 | 27 | 43 | 5 | 1 | .. | 52 | 88 | 65 | 92 | 4 | 82 |
| Outstanding 31.12.71 .. | 69 | | 6 | 23 | 104 | 54 | Nil | 146 | 9 | 84 | 8 | Nil | 3 | 9 | 7 | Nil | 145 | 25 | 144 | 4 | Nil | 193 | |

SUMMARY :

| | |
|--|------|
| No. of contraventions outstanding, 1.1.71 | 1220 |
| No. of contraventions found during 1971 | 428 |
| No. of contraventions remedied during 1971 | 615 |
| No. of contraventions outstanding 31.12.71 | 1033 |

AIR POLLUTION

Report by Mr. J. Pye, *Smoke Abatement Officer*

Control of Pollution from Industrial Sources

Standards of permitted levels of emission of grit and dust, and revised procedural methods for taking samples from chimneys and flues were included in Regulations which came into operation during the year, and being made under the Acts of 1956 and 1968 served to stimulate a degree of reflection on the effectiveness of the latter Act after three years of operation.

The Act attempts, inter alia, to remedy shortcomings of the earlier Act and in the main is successful. There are two major shortcomings; the first relates to the control (or evident lack of it) of chimney heights where no amendment to the size of the boiler or furnace plant has taken place but where a change from low to high sulphur fossil fuel has been effected with the consequent net increase in emissions of sulphur oxides from an existing (i.e. pre-1968) chimney and which is now too low. Additionally a chimney which may be defective can be lowered in height without apparent stricture or contravention.

The second shortcoming relates to the sale of bituminous coal from the corner shop in a smoke control area. It is so easy for householders, who for any reason have run out of solid smokeless fuel, to buy a bag of coal under these circumstances, and in some districts fuel is bought by this hand-to-mouth method almost exclusively. Sales to persons living within smoke control areas should be limited to smokeless fuels as is the case where fuel is delivered and sold.

The Alkali and Works Order 1971 de-scheduled from control under the Alkali Act works where iron or steel is melted in air or rotary furnaces, and two such furnaces in use in a local foundry consequently came under the control of this Local Authority. There are other processes which, because control of their operations involves a fuel technological discipline, in the main, rather than one of chemical engineering could without detriment revert to Local Authority control.

During the year twelve complaints were received of nuisance or of emissions from industrial plant. In two instances of complaint of grit, it was found after investigation that the grit complained of was from road repairs. All other complaints were investigated and remedial measures implemented where necessary.

Two warnings were given in respect of the indiscriminate burning of plastics, one in the open and the other at the base of an otherwise-disused chimney. As P.V.C. fume is hazardous, advice was given as to the safe method of disposal by incineration using an adequately sized chimney.

Visits were additionally made during the year in connection with the installation of two boilers and eight air heaters; 26 interviews were held with Plant Engineers or Managers respecting proposed changes or defects to plant. Three changes of fuel — from solid to either liquid or gaseous — took place on boiler plant. One chimney which is just inside the Borough and where the Factory and offices are not, was lowered in height without prior consultation and apparently without contravention of so-called modern legislation! Several visits were made to adjust or maintain plant at the Disinfecting Station for which I appear to have assumed responsibility.

Also during the year applications were received for approval of the height of twelve chimneys. All were approved (mostly conditionally) including one

where an exemption granted in 1970 had expired and where amendments to the chimney's constructional material were required as a condition of subsequent approval. One application was re-submitted with amendments after approval had been given and the amended proposals approved.

Four chimneys serving air heaters in one Factory, and one in another were erected without approval and the furnaces installed without submission of prior notice of intention to do so. The firms concerned in both offences were warned.

Notice was received during the year of proposals to install gas/oil-standby boilers at the Royal Infirmary, a proposal which is widely acclaimed as the present boiler plant is a source of considerable smoke and soot nuisance.

I am appreciative of the continued co-operation of Mr. W. Williams, Chief Fire Officer, and his staff; and also that from the District Alkali Inspectors.

Smoke Control Areas and Control of Pollution from Domestic Chimneys

The year opened with what was regarded almost as a hardy annual — a threatened shortage of solid smokeless fuel. The Nos. 1, 2 and 3 Smoke Control Orders had been suspended from 1st November 1970, but in the event, little difficulty was experienced in supplying smokeless fuels in the interim until the suspension expired on the 30th April and before that date there had been discreet overtures made to the Corporation to lift the suspension so as to clear mounting stocks of open-fire smokeless fuels at the Distribution Depot. There were less householders burning coal during the suspension period than was anticipated and the amount of additional smoke was thereby gratifyingly at a minimum. Nevertheless there was the hard core of unco-operative householders who persisted in making smoke after the suspension had expired on the grounds that they were burning up stocks acquired during the suspension, and the ill effects of allowing bituminous coal into an operative area, for whatever reason, persists for an unwarrantable time beyond set limits and enforcement is extremely difficult.

By Summer the end of stop-go supplies of solid smokeless fuels was announced and Local Authorities could plan for the future with confidence. Despite shortages of solid smokeless fuels in this and previous years it is of particular interest to note the drastic reduction in smoke emissions and the concentrations noted during the ten years during which the National Survey of Atmospheric Pollution has been carried out.

In a paper presented to the Annual Conference of the National Society for Clean Air held in Folkestone in November, Dr. Craxford and Mesdames Weatherley & Gooriah demonstrated that smoke concentrations had reduced from 138 to 63 micrograms per cubic metre within the United Kingdom with a similar spectacular reduction in smoke emissions, the downward trend being achieved despite a 9% increase in population and a 29% increase in annual gross energy consumption. Such smoke as is yet to be further reduced arises in the main from the domestic chimney (approx. 80% of the total) and because of its low level of discharge accounts for nearer 90% of concentrations at ground level. There is therefore every justification for sustained effort in the field of domestic smoke control.

In anticipation therefore of assurances of availability of supplies of all smokeless fuels, the Corporation in January reviewed its objectives and authorised an acceleration of the Smoke Control Programme so as to double the rate of progress when fuel became fully available. During this year prep-

aratory work on the Nos. 12 and 13 Orders was undertaken. The No. 11 Order was made in May, and in August was confirmed. The No. 10 Order became operative on the 1st July.

As respects these Orders, the following visits were made:

| | |
|---|------|
| Surveys: Industrial and Commercial premises | 150 |
| Domestic | 565 |
| Inspections of works of adaptation | 1107 |
| Miscellaneous visits to give advice etc. | 626 |
| Visits re contraventions: Industrial | — |
| Domestic | 48 |
| Ineffectual visits, i.e. access not gained on first visit | 414 |
| Interviews etc. held in office | 2094 |

In addition to warning letters sent regarding the contraventions and one reported for further proceedings to be taken, two letters were sent to Merchants regarding the delivery and the sale of unauthorised fuel in smoke control areas.

A notice served in 1970 to reinstate a chimney serving a domestic heating boiler was complied with. Investigations into dampness on chimney breasts when gas fires were in use were carried out in two houses and remedial measures advised upon.

General

I addressed several local organisations during the year and a broadcast on topics relating to air pollution on local radio.

In November I was privileged to attend the Annual Conference held in Folkestone of the National Society for Clean Air. The mobile unit of the Solid Smokeless Fuels Federation paid visits to declared and proposed Smoke Control Areas within the Borough.

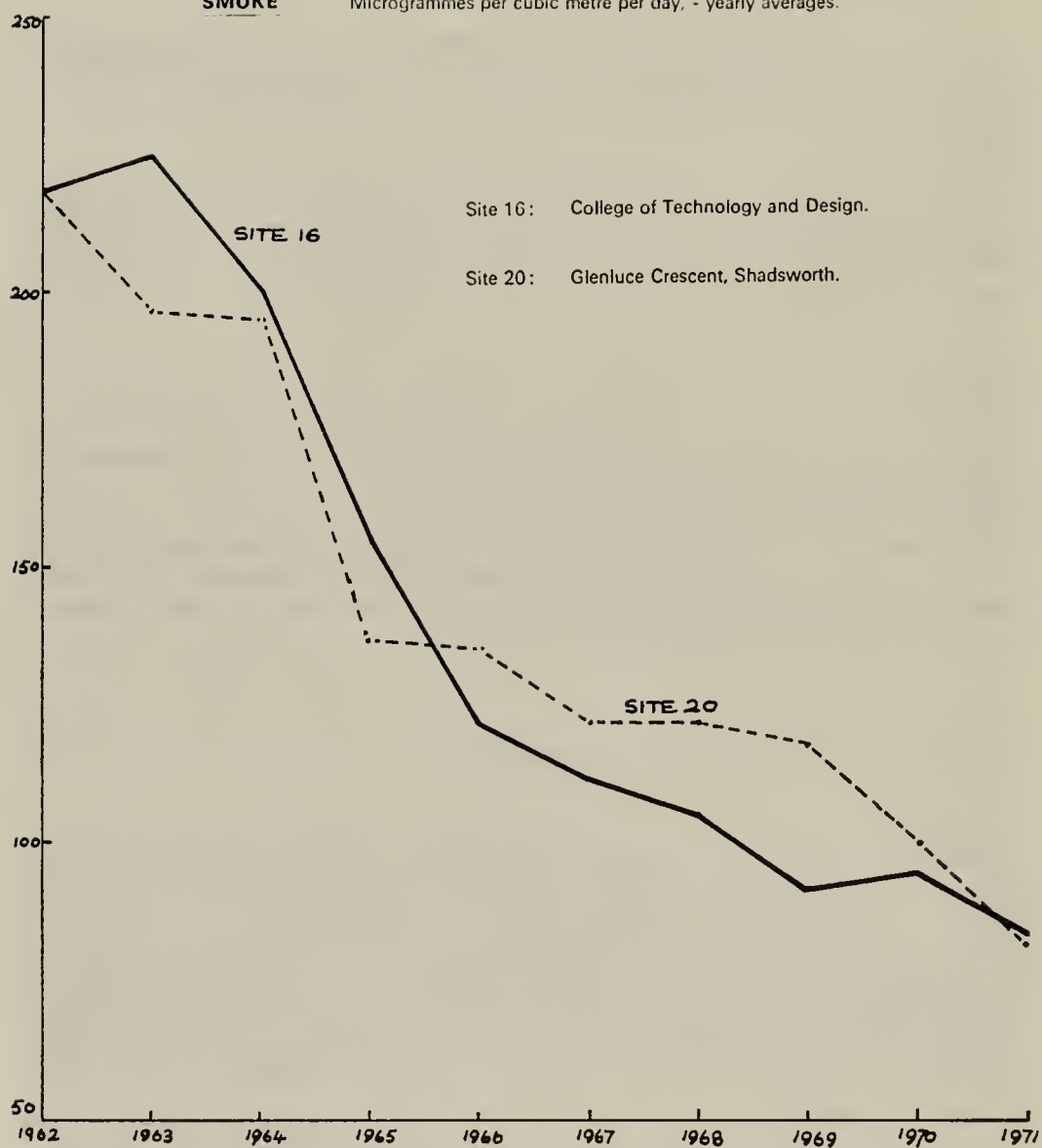
Detection and Measurement of Pollution

Through a series of consecutive defects with a meter and air pump, the volumetric gauge sited in Glenluce Crescent was inoperable for four months of the year. Interrupted electricity supplies further affected the use of the instrument and consequently the results for 1971 are far from being complete. Nevertheless such results as are available have been considered to be fairly representative of a near-stable level of pollution to be expected from a mainly unchanging environment in the immediate vicinity of the gauge. The results from this and the gauge on the roof of the College of Technology & Design are set out overleaf.

I am grateful for the continued co-operation and assistance respecting the operation of the gauges by Dr. Rose, Principal, and Mr Hargreaves of the Chemistry Department of the College of Technology & Design.

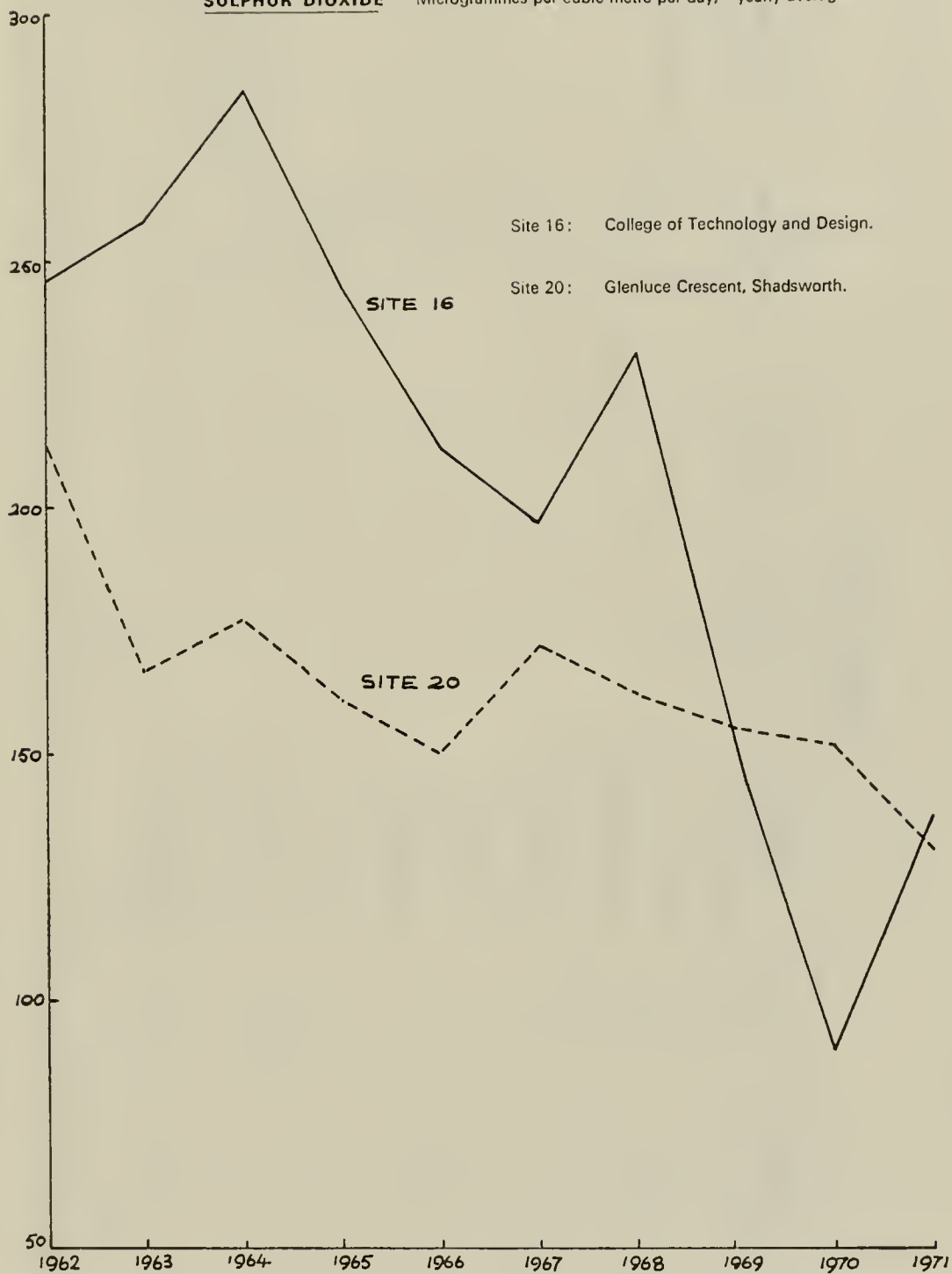
SMOKE

Microgrammes per cubic metre per day, - yearly averages.



SULPHUR DIOXIDE

Microgrammes per cubic metre per day, - yearly averages.



PROGRESS REPORT

| Smoke Control Order | Acres | Number of Dwellings | No. of other Properties | Date of Order | Date of Confirmation | Date of Operation |
|------------------------|-------|---------------------------------|----------------------------|------------------|-------------------------|----------------------|
| No. 1 .. | 80.0 | 1666 Private | 100 | 1 - 9 - 60 | 18 - 9 - 61 | 1 - 8 - 62 |
| No. 2 .. | 86.6 | 1343 Private | 39 | 5 - 10 - 61 | 20 - 3 - 62 | 1 - 4 - 63 |
| No. 3 .. | 346.0 | 492 Corporation 473 Private | 26 | 18 - 7 - 62 | 15 - 10 - 62 | 1 - 11 - 63 |
| No. 4 .. | 146.0 | 80 Corporation 1326 Private | 44 | 8 - 5 - 63 | 30 - 7 - 64 | 1 - 7 - 65 |
| No. 5 .. | 52.2 | 123 Corporation 242 Private | 127 | 22 - 4 - 64 | 15 - 7 - 64 | 1 - 11 - 65 |
| No. 6 .. | 995.0 | 2 Corporation 1485 Private | 33 | 11 - 8 - 65 | 9 - 12 - 65 | 1 - 11 - 66 |
| No. 7 .. | 111.5 | 1527 Private | 66 | 8 - 2 - 67 | 25 - 4 - 67 | 1 - 7 - 68 |
| No. 8 .. | 104.6 | 214 Private | 22 | 14 - 8 - 67 | 30 - 10 - 67 | 1 - 11 - 68 |
| No. 9 .. | 474.0 | 8 Corporation 1844 Private | 101 | 11 - 9 - 68 | 6 - 12 - 68 | 1 - 11 - 69 |
| No. 10 .. | 696.0 | 126 Corporation 1629 Private | 31 | 1 - 10 - 69 | 23 - 6 - 70 | 1 - 7 - 71 |
| No. 11 .. | 281.0 | 1401 Private | 510 | 21 - 5 - 71 | 12 - 8 - 71 | 1 - 7 - 72 |
| Total | 3372 | 13981 | 1099 | .. | .. | .. |

Insoluble Matter

Yearly Averages in Milligrams per Square Metre per Day.

| Year ending 31st March | College of Technology & Design |
|------------------------------|--------------------------------|
| 1964/65 | 80 |
| 1965/66 | 90‡ |
| 1966/67 | 87 |
| 1967/68 | 68 |
| 1968/69 | 102* |
| 1969/70 | 99 |
| 1971 Yr. ending 31st Dec. | 84 |

‡ 11 months only

* 10 months only

INFECTIOUS DISEASES

Table 7

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR

| NOTIFIABLE DISEASE | Number of Notifications Received | Number of Cases in which Diagnosis was subsequ'ly corrected | Corrected number of notifications | Number admitted to hospital |
|----------------------------------|----------------------------------|---|-----------------------------------|-----------------------------|
| Acute Encephalitis | 1 | .. | 1 | 1 |
| Acute Meningitis | .. | .. | .. | .. |
| Anthrax | .. | .. | .. | .. |
| Cholera | .. | .. | .. | .. |
| Diphtheria | .. | .. | .. | .. |
| Dysentery | 52 | .. | 52 | 24 |
| Food Poisoning | 52 | .. | 52 | 12 |
| Infective Jaundice | 19 | .. | 19 | 2 |
| Leprosy | .. | .. | .. | .. |
| Leptospirosis | .. | .. | .. | .. |
| Malaria | .. | .. | .. | .. |
| Measles | 535 | .. | 535 | 21 |
| Ophthalmia Neonatorum | 4 | .. | 4 | .. |
| Paratyphoid Fever | .. | .. | .. | .. |
| Plague | .. | .. | .. | .. |
| Poliomyelitis (Paralytic) .. | .. | .. | .. | .. |
| Poliomyelitis (Non Paralytic) .. | .. | .. | .. | .. |
| Relapsing Fever | .. | .. | .. | .. |
| Scarlet Fever | 57 | .. | 57 | 1 |
| Smallpox | .. | .. | .. | .. |
| Tetanus | 1 | .. | 1 | 1 |
| Tuberculosis (Pulmonary) .. | 94 | .. | 94 | 51 |
| Tuberculosis (other forms) .. | 33 | .. | 33 | 9 |
| Typhoid Fever | 1 | .. | 1 | 1 |
| Typhus Fever | .. | .. | .. | .. |
| Whooping Cough | 9 | .. | 9 | 6 |
| Yellow Fever | .. | .. | .. | .. |
| TOTALS | 858 | .. | 858 | 129 |

NUMBER OF CASES OF INFECTIOUS DISEASES NOTIFIED
FROM 1961 TO 1971

Table 8

| | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 | 1970 | 1971 |
|-------------------------------------|------|------|------|------|------|------|------|------|------|------|------|
| Acute Encephalitis | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Acute Meningitis | 1 | .. | .. | 1 | .. | 1 | .. | .. | .. | 4 | .. |
| Anthrax | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Cholera | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Diphtheria | 244 | 246 | 119 | 201 | 85 | 117 | 52 | 40 | 20 | 19 | 52 |
| Dysentery | .. | .. | .. | .. | .. | .. | .. | 17 | 62 | 25 | 52 |
| Food Poisoning | .. | .. | .. | .. | .. | .. | .. | .. | .. | 36 | 19 |
| Infective Jaundice | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Leprosy | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Leptospirosis | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Malaria | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Measles | 1057 | 1364 | 606 | 454 | 925 | 1121 | 260 | 450 | 702 | 534 | 535 |
| Ophthalmia Neonatorum | 8 | 13 | 14 | 1 | 2 | .. | 1 | 1 | .. | 2 | 4 |
| Paratyphoid Fever | .. | 1 | 3 | .. | .. | .. | .. | .. | 2 | 1 | .. |
| Plague | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Poliomyelitis (Paralytic) | 2 | 1 | .. | .. | 31 | .. | .. | .. | .. | .. | .. |
| Poliomyelitis (Non Paralytic) | .. | .. | .. | .. | 29 | .. | .. | .. | .. | .. | .. |
| Relapsing Fever | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Scarlet Fever | 91 | 92 | 22 | 27 | 85 | 154 | 12 | 40 | 85 | 28 | 57 |
| Smallpox | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Tetanus | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Tuberculosis (Pulmonary) | 48 | 33 | 33 | 38 | 35 | 24 | 26 | 35 | 52 | 96 | 94 |
| Tuberculosis (Non Pulmonary) | 3 | 4 | 2 | 7 | 4 | 12 | 12 | 16 | 14 | 42 | 33 |
| Typhoid Fever | .. | .. | 1 | .. | .. | .. | 1 | .. | .. | 1 | 1 |
| Typhus Fever | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Whooping Cough | 56 | 4 | 62 | 38 | 4 | 1 | 32 | 8 | 7 | 18 | 9 |
| Yellow Fever | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| TOTALS | 1650 | 1829 | 946 | 827 | 1241 | 1473 | 415 | 600 | 882 | 806 | 858 |

**COMMUNITY HEALTH
SERVICE
STATISTICAL DETAILS**

MISCELLANEOUS STATISTICAL DETAILS ON THE CARE OF EXPECTANT AND NURSING MOTHERS AND CHILDREN UNDER SCHOOL AGE

Table 9
ANTE-NATAL AND POST-NATAL CLINIC ATTENDANCES

| Sessions Held | | Women in Attendance | | Total No. of Attendances |
|------------------|----------|---------------------|------------|--------------------------|
| Medical Officers | Midwives | Ante-Natal | Post-Natal | |
| 229 | 329 | 592 | 93 | 2506 |

Table 10
ANTE-NATAL MOTHERCRAFT AND RELAXATION

| | | |
|---|--------------------------|-----|
| No. of women who attended during the year | (a) Institutional Booked | 336 |
| | (b) Domiciliary Booked | 10 |
| | (c) Total | 346 |
| No. of attendances | .. .. . | 925 |

Table 11
EXAMINATIONS CARRIED OUT AT ANTE-NATAL CLINICS

| | Total |
|------------------------------------|-------|
| Rh. Factor—Women | 508 |
| —Men | — |
| Kahn Test—Women | 397 |
| —Men | — |
| Wasserman Test—Women | — |
| —Men | — |
| Tests for Antibodies | 14 |
| Haemoglobin Estimation | 806 |
| Fasting Blood Sugar | 2 |
| Pregnancy Tests | 10 |
| Referred to Special Clinic | — |
| " " Heart Clinic | — |
| " " Obstetrician | 27 |
| " " for X-Ray (Chest) | 3 |
| " " X-Ray (Pelvimetry) | 4 |
| Full Blood Counts | 19 |

Table 12

CONSULTANT CLINICS

I am indebted to Dr. L. Read, Consultant Venereologist, for the following report on the Special Clinic:

35 new patients attended the ante-natal discharge clinic.

Males 1

Females 34

The 34 female cases were divided up as follows:

5 babies requiring adoption.

2 Trichomonas.

4 Monilia.

1 Scabies.

1 Warts.

5 non-specific vaginal discharge requiring treatment.

22 discharges not requiring treatment.

On the pathological side specimens were taken 70 times for culture to exclude a gonococcus. The total attendance was 58 for the year.

As you will see there has been a marked drop in cases from Moral Welfare and it was with regret that I wrote to you suggesting that this clinic should be terminated.

L. READ, *Consultant Venereologist*

CERVICAL CYTOLOGY.

ATTENDANCES :

| | | | | |
|-------------------------|----|----|-------|-----|
| Blackburn Patients | .. | .. | .. | 479 |
| Out of Borough Patients | .. | .. | .. | 33 |
| | | | Total | 512 |

REPEAT SMEARS

| | | | | From 1st Attenders | 3-Year Re-visits |
|-------------------------|----|----|-------|-----------------------|---------------------|
| Blackburn Patients | .. | .. | .. | 8 | 279 |
| Out of Borough Patients | .. | .. | .. | - | 41 |
| | | | Total | 8 | 320 |

COMPLETE NUMBER OF SMEARS TAKEN 489

| FINDINGS | | | | <i>Blackburn</i> | <i>Out of Borough</i> |
|---------------------------------|----|----|----|------------------|-----------------------|
| Nil Abnormal Seen | .. | .. | .. | 540 | - |
| Monilia | .. | .. | .. | 26 | - |
| Trichomonas | .. | .. | .. | 8 | - |
| Other Cells | .. | .. | .. | 33 | 12 |
| Malignant Cells (Confirmed) | .. | .. | .. | 1 | - |
| Malignant Cells (Not confirmed) | .. | .. | .. | .. | - |
| SWABS TAKEN | .. | .. | .. | 20 | 3 |
| RE-EXAMINED | .. | .. | .. | 8 | - |

Table 13
ATTENDANCES AT CHILD HEALTH CENTRES

| | WEST DIVISION | | | | | | | EAST DIVISION | | | | | | | | | | GRAND TOTAL |
|--|-----------------|----------|---------|----------|--------------|---------|--------------|--------------------------------------|------|------------------|---------------|----------|------------|------|-------|--------|--------------|-------------|
| | Leamington Road | Montague | Griffin | Longshaw | Bentham Road | Lammack | TOTAL (WEST) | Little Harwood (2 sessions per week) | | Cornelian Street | Hozier Street | Larkhill | Newton St. | | Guide | Glouce | TOTAL (EAST) | |
| | | | | | | | | Mon | Thur | | | | Mon | Thur | | | | |
| INFANTS— | | | | | | | | | | | | | | | | | | |
| New Cases under One.. | 63 | 135 | 93 | 130 | 132 | 46 | 599 | 105 | 70 | 58 | 1161 | 196 | 259 | 167 | 27 | 90 | 2133 | 2732 |
| Total Number attending during the year | 285 | 411 | 288 | 339 | 891 | 153 | 2367 | 315 | 184 | 172 | 1986 | 696 | 353 | 446 | 76 | 236 | 4464 | 6831 |
| Attendances—Under 1.. | 1443 | 1739 | 1462 | 2533 | 980 | 851 | 9008 | 1230 | 1665 | 887 | 57 | 1408 | 1309 | 1780 | 307 | 964 | 9607 | 18615 |
| —Over 1.. | 1186 | 628 | 806 | 1597 | 664 | 629 | 5510 | 542 | 670 | 501 | 109 | 1213 | 624 | 905 | 176 | 604 | 5244 | 10754 |
| Total Attendances of Infants | 2629 | 2367 | 2268 | 4130 | 1644 | 1480 | 14518 | 1772 | 2335 | 1388 | 166 | 2621 | 1933 | 2685 | 483 | 1568 | 14961 | 29479 |
| Consultations with Dr. | 671 | 877 | 708 | 346 | 328 | 359 | 3289 | 185 | 286 | 215 | 147 | 477 | 627 | 674 | 225 | 405 | 3211 | 6500 |
| MOTHERCRAFT— | | | | | | | | | | | | | | | | | | |
| Number of Cases | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 67 | .. | .. | 79 | 15 | 161 | 161 |
| Number of Attendances | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 111 | .. | .. | 79 | 80 | 270 | 270 |
| Average Attendance of Infants per session .. | 57 | 50 | 46 | 84 | 45 | 29 | .. | 41 | 51 | 30 | 46 | 28 | 42 | 54 | 21 | 32 | .. | .. |

DENTAL SERVICE FOR EXPECTANT AND NURSING MOTHERS AND CHILDREN UNDER 5 YEARS

Part A. Attendances and Treatment

| Number of Visits for Treatment during year | | | | | | | Children 0—4 (incl.) | Expectant & Nursing Mothers |
|---|----|----|----|----|----|----|-------------------------|--------------------------------|
| First Visit | .. | .. | .. | .. | .. | .. | 224 | .. 71 |
| Subsequent Visits | .. | .. | .. | .. | .. | .. | 147 | .. 95 |
| Total Visits | | | | | | | 371 | .. 166 |
| Number of Additional Courses of Treatment other than the First Course commenced during year | | | | | | | 3 | .. 3 |
| Treatment provided during year—No. of Fillings | | | | | | | 136 | .. 68 |
| Teeth Filled | | | | | | | 129 | .. 65 |
| Teeth Extracted | | | | | | | 373 | .. 144 |
| General Anaesthetics given | | | | | | | 56 | .. 11 |
| Emergency Visits by Patients | | | | | | | 155 | .. 42 |
| Patients X-Rayed | | | | | | | — | .. — |
| Patients Treated by Scaling and/or Removal of Stains from the teeth (Prophylaxis) | | | | | | | 1 | .. 1 |
| Number of Courses of Treatment Completed | | | | | | | 105 | .. 38 |

Part B. Prosthetics

| | | |
|--|-------|----|
| Patients Supplied with F.U. or F.L. (First time) | .. | 5 |
| Patients Supplied with Other Dentures | .. .. | 5 |
| Number of Dentures Supplied | .. .. | 11 |

Part C. Anaesthetics

| | | |
|--|----|---|
| General Anaesthetics Administered by Dental Officers | .. | — |
|--|----|---|

Part D. Inspections

| | | | | | | | Children 0—4 (incl.) | Expectant & Nursing Mothers |
|---|--|--|--|--|--|--|-------------------------|--------------------------------|
| Number of Patients | | | | | | | | |
| Given First Inspections during year | | | | | | | 261 | .. 52 |
| In A and D above who required Treatment | | | | | | | 101 | .. 46 |
| In B and C above who were offered treatment | | | | | | | 93 | .. 45 |
| Re-inspected during year | | | | | | | 6 | .. 3 |

Part E. Sessions

| | | | | | | | |
|--|--|--|--|--|----|----|----|
| Number of Dental Officer Sessions (<i>i.e.</i> Equivalent Complete Half days) devoted to Maternity and Child Welfare Patients : | | | | | | | |
| For Treatment | | | | | .. | .. | 73 |
| For Health Education | | | | | .. | .. | — |

Table 14**PARTICULARS OF DAY NURSERIES**

(Transferred to Social Services Department October, 1971)

| | Holden House | Church Hill House | Stancliffe Street | Lincoln Road | Albion Street | TOTAL |
|--|--------------|-------------------|-------------------|--------------|---------------|-------|
| Number of Approved Places | | | | | | |
| 0—2 Years .. | 5 | 8 | 8 | 8 | 8 | 37 |
| 2—5 Years .. | 26 | 34 | 40 | 44 | 40 | 184 |
| Totals .. | 31 | 42 | 48 | 52 | 48 | 221 |
| Number of Children on the Register at end of Year : | | | | | | |
| 0—2 Years .. | 3 | 12 | 8 | 11 | 11 | 45 |
| 2—5 Years .. | 26 | 26 | 33 | 37 | 33 | 155 |
| Totals .. | 29 | 38 | 41 | 48 | 44 | 200 |
| Total attendances during the year: | | | | | | |
| 0—2 Years .. | 1302 | 2436 | 1861 | 2186 | 1756 | 9541 |
| 2—5 Years .. | 5236 | 5416 | 6899 | 6491 | 6853 | 30895 |
| TOTALS .. | 6538 | 7852 | 8760 | 8677 | 8609 | 40436 |

Table 15

HOME VISITS BY HEALTH VISITORS

| | WEST DIVISION | EAST DIVISION | TOTAL |
|---------------------------------|------------------|------------------|--------------|
| Early Discharge | 37 | 94 | 131 |
| Expectant Mothers | 525 | 674 | 1199 |
| Infants under 1 year | 5165 | 5277 | 10442 |
| Infants 1—2 years | 2841 | 3791 | 6632 |
| Children 2—5 years | 3853 | 5782 | 9635 |
| Problem Families | 716 | 1110 | 1826 |
| Families with problems | 1248 | 1897 | 3145 |
| Maternity Assessment | 355 | 348 | 703 |
| Screening Tests | 853 | 715 | 1568 |
| Misc. (M. & CH.) Visits | 342 | 874 | 1216 |
| Care of Aged | 6120 | 5834 | 11954 |
| Care/After Care | 3108 | 3993 | 7101 |
| Mentally Disordered..... | 117 | 261 | 378 |
| Other Hospital Discharges | 47 | 58 | 105 |
| Tuberculosis | 98 | 1680 | 1778 |
| Other Infectious Diseases..... | 95 | 96 | 191 |
| Chiropody | 21 | 13 | 34 |
| Hostels | 95 | 124 | 219 |
| Home Accidents | 203 | 453 | 656 |
| Immigrants..... | 1207 | 650 | 1857 |
| Physically Handicapped | 233 | 258 | 491 |
| Miscellaneous (P. & AC.)..... | 284 | 569 | 853 |
| Total | 27563 | 34551 | 62114 |
| Ineffective Visits | 4104 | 4364 | 8468 |
| GRAND TOTAL | 31667 | 38915 | 70582 |

| | | | |
|--|------|------|-------|
| Visits at Special Request of G.P. or Hospital : | | | |
| (i) Aged 65 or over | 112 | 146 | 258 |
| (ii) Mentally Disordered .. | 7 | 27 | 34 |
| (iii) Hospital Discharges .. | 30 | 31 | 61 |
| | WEST | EAST | TOTAL |
| Health Education—Talks..... | 22 | 163 | 185 |
| Mothers' Clubs | 40 | 233 | 273 |
| Discussions with other Social Workers | 2241 | 4184 | 6425 |
| Students in Training | 165 | 193 | 358 |

HEALTH VISITING — CASE LOADS OF SPECIAL GROUPS

Table 16

| District | Children "At Risk" | Problem Families | Handicapped | | Care and After Care Cases | Aged |
|--------------------|-----------------------|---------------------|-------------|---------|---------------------------------|------|
| | | | Under 16 | Over 16 | | |
| West No. 1 | 41 | — | 8 | — | 35 | — |
| 2 | 29 | — | 2 | — | 116 | 4 |
| 3 | 14 | — | 4 | — | 31 | — |
| 4 | 23 | 1 | 7 | — | 48 | — |
| 5 | 26 | 2 | 2 | — | 69 | 17 |
| 6 | 17 | — | 1 | — | 28 | — |
| 6A | 20 | — | 9 | — | 56 | — |
| 7 | 21 | — | 15 | — | 68 | — |
| 8 | 46 | — | 5 | — | 44 | — |
| 9 | 20 | — | — | 10 | 32 | — |
| 9A | 32 | 3 | 3 | 14 | 29 | — |
| 10 | 36 | — | 9 | — | 81 | 69 |
| 11 | 22 | — | 12 | — | 12 | — |
| 11A | 21 | 1 | 3 | — | 35 | — |
| East No. 1 | 34 | — | 13 | 22 | 165 | — |
| 2 | 32 | — | 6 | 1 | 21 | — |
| 2A | 56 | — | 3 | 4 | 50 | — |
| 3 | 30 | — | 6 | 6 | 67 | — |
| 3A | 36 | — | 10 | 6 | 56 | — |
| 4 | 38 | — | 9 | 8 | 86 | — |
| 4A | 19 | 2 | 10 | 6 | 89 | — |
| 5 | 30 | 3 | 10 | 11 | 115 | — |
| 6 | 27 | 4 | 11 | 14 | 51 | — |
| 7 | 24 | — | 1 | 4 | 64 | — |
| 8 | 68 | 27 | 7 | 22 | 32 | — |
| 9 | 44 | 4 | — | 5 | 64 | — |
| 10 | 34 | — | 3 | 4 | 94 | — |
| 11 | 52 | 1 | 17 | 18 | 105 | — |
| 12 | 39 | 9 | 19 | 5 | 87 | — |
| 13 | 27 | 7 | 8 | 21 | 138 | — |
| Totals West | 368 | 7 | 80 | 24 | 684 | 90 |
| East | 590 | 57 | 133 | 157 | 1284 | — |
| Grand Total | 958 | 64 | 213 | 181 | 1968 | 90 |

Table 17**CLINIC SESSIONS ATTENDED**

| | WEST DIVISION | EAST DIVISION | TOTALS |
|---|------------------|------------------|-------------|
| Maternity and Child Health Centres | 342 | 427 | 769 |
| Paediatric | 78 | 197 | 275 |
| Geriatric | 45 | 43 | 88 |
| Chest | 10 | 19 | 29 |
| Special..... | 38 | 62 | 100 |
| Ante-Natal | 42 | 104 | 146 |
| Prophylactic | 38 | 112 | 150 |
| School Clinics and others.... | 681 | 1203 | 1884 |
| TOTALS | 1274 | 2167 | 3441 |

Notification of Births

The following Table shows the number of notified births in the County Borough during 1971.

Of the 2,368 live babies born to Blackburn mothers, 2,092 were Hospital deliveries.

All live births belonging to other areas were born in Hospital.

| | Live Births | Still Births | Total |
|----------------------------|-------------|--------------|-------------|
| Blackburn | 1876 | 39 | 1915 |
| Transferred to other areas | 1090 | 30 | 1120 |
| Total | 2966 | 69 | 3035 |

Care of the Unmarried Mother and her Child

The Blackburn and District Association for Family Social Work continues to deal with cases on behalf of the Local Authority.

DOMICILIARY MIDWIFERY 1971

| | Doctor not booked | Doctor booked | Cases delivered in hospital but discharged before 10th day |
|------------------------------------|----------------------|------------------|---|
| No. of Confinements attended .. | .. | 168 | 1514 |

| | | | |
|----------------------------|----|----|-----|
| Doctor present at delivery | .. | .. | 3 |
| Trilene Administered | .. | .. | 118 |
| Pethedine given | .. | .. | 85 |
| Night Calls | .. | .. | 100 |

Table 18.

MIDWIFERY STATISTICS 1961 — 1971

| | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 | 1970 | 1971 |
|---|-------|-------|-------|-------|-------|-------|-------|------|------|------|-------|
| Live Births | 1665 | 1791 | 1750 | 1798 | 1777 | 1805 | 1861 | 1848 | 1842 | 1935 | 1888 |
| Stillbirths | 34 | 45 | 36 | 40 | 29 | 29 | 25 | 30 | 36 | 31 | 39 |
| Birth Rate | 15.71 | 16.93 | 16.66 | 17.35 | 17.24 | 17.73 | 18.44 | 18.4 | 18.4 | 19.3 | 20.00 |
| Midwives— | | | | | | | | | | | |
| No. of confinements attended | 498 | 567 | 516 | 495 | 440 | 394 | 348 | 245 | 184 | 160 | 168 |
| (a) Doctor present | 48 | 32 | 46 | 34 | .. | .. | 10 | 8 | 8 | 4 | 3 |
| Our Lady of Compassion | .. | 184 | 164 | 191 | 135 | 125 | 110 | 168 | 135 | 143 | 111 |
| Hospital Discharges before 10th day | 221 | 423 | 287 | 526 | 544 | 786 | 1078 | 1274 | 1297 | 1549 | 1514 |
| No. of Visits to Early Discharges | 2019 | 2460 | 2035 | 3038 | 3044 | 4769 | 5843 | 6895 | 7304 | 8627 | 7954 |

Home Nursing

The following table indicates the work carried out by the District Nursing Service in 1971 :

Table 19

| | |
|--|--------|
| Cases outstanding on 1st January, 1971 | 782 |
| New Cases | 2356 |
| Number of Visits | 84,926 |
| Cases outstanding on 31st December, 1971 | 839 |

| Type of Case | Number of | |
|---|-----------|--------|
| | Cases | Visits |
| Medical.. .. . | 1399 | 48357 |
| Surgical | 638 | 8494 |
| Infectious Disease | 7 | 57 |
| Tuberculosis | 97 | 4640 |
| Maternal Complications | 90 | 857 |
| Gynaecological.. .. . | 57 | 509 |
| Injections | 850 | 22102 |
| Totals .. | 3138 | 85016 |
| Patients included in the above who were over 65 at the time of the first visit.. .. | 1109 | 56905 |
| Children included in the above who were under 5 years of age at the time of the first visit | 68 | 671 |
| Patients who have had more than 24 visits during the year | 65 | 27421 |
| Patients included in the above who have had an enema prior to X-Ray | 2 | 4 |
| Patients included in the above who have had injections only | 636 | 27509 |

The number of visits carried out has varied over the past few years as follows :

| | | |
|------|--------------|--------|
| 1966 | Total visits | 73,619 |
| 1967 | „ „ | 70,808 |
| 1968 | „ „ | 73,215 |
| 1969 | „ „ | 76,193 |
| 1970 | „ „ | 80,281 |
| 1971 | „ „ | 85,016 |

Vaccination and Immunisation

The 1971 statistics of prophylaxis are in the tables below.

Table 20

Diphtheria, Whooping Cough, Tetanus, Poliomyelitis

Number of Primary Courses completed and Reinforcement Doses given during the Year 1971

| | YEAR OF BIRTH | | | | | | Total |
|-----------------------|---------------|------|------|------|---------|--------------------------|-------|
| | 1971 | 1970 | 1969 | 1968 | 1964/67 | Others Under 16 years | |
| DIPHTHERIA | | | | | | | |
| Primary Course | 10 | 603 | 544 | 96 | 124 | 65 | 1442 |
| Booster .. | .. | .. | 1 | 3 | 410 | 169 | 583 |
| WHOOPING COUGH | | | | | | | |
| Primary Course | 9 | 595 | 538 | 90 | 41 | 2 | 1275 |
| Booster | .. | .. | 1 | 3 | 30 | 4 | 38 |
| TETANUS | | | | | | | |
| Primary Course | 10 | 603 | 544 | 96 | 156 | 795 | 2204 |
| Booster | .. | .. | 3 | 4 | 574 | 455 | 1036 |
| POLIOMYELITIS | | | | | | | |
| Primary Course } Oral | 7 | 557 | 513 | 86 | 291 | 97 | 1551 |
| Booster } | .. | 1 | 2 | 2 | 624 | 1264 | 1893 |

Table 21

| Type of Vaccine | Given by | No. of Doses | |
|--|---------------------|--------------|-----------|
| | | Primary | Booster |
| Quadruple (Diphtheria, Tetanus, Whooping Cough, Poliomyelitis) | G.P.s only | .. | .. |
| Triple (Diphtheria, Whooping Cough, Tetanus) | L.A. Drs. and G.P.s | 1275 | 39 |
| Diphtheria/Tetanus | L.A. Drs. and G.P.s | 254 | 737 |
| Tetanus | L.A. Drs. and G.P.s | 670 399 | 247 14 |

Table 22

Yellow Fever

| Year | Persons Vaccinated | |
|------|--------------------|-----|
| 1961 | | 114 |
| 1962 | | 216 |
| 1963 | | 313 |
| 1964 | | 401 |
| 1965 | | 404 |
| 1966 | | 349 |
| 1967 | | 289 |
| 1968 | | 424 |
| 1969 | | 549 |
| 1970 | | 650 |
| 1971 | | 668 |

Table 23

Primary Smallpox from 1962 to 1971

| Age Group | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 | 1970 | 1971 |
|------------------|------|------|------|------|------|------|------|------|------|------|
| Under 1 yr | 230 | 28 | 55 | 33 | 45 | 13 | 8 | 8 | 1 | 4 |
| 1 year | 451 | 97 | 386 | 262 | 299 | 657 | 1043 | 873 | 683 | 361 |
| 2 years | 162 | 16 | 31 | 48 | 272 | 108 | 188 | 155 | 106 | 221 |
| 3 years | 151 | 5 | 8 | 11 | 75 | 83 | 96 | 87 | 25 | |
| 4 years | 113 | 3 | 4 | 6 | 29 | 65 | 41 | 55 | 14 | |
| 5—14 years | 903 | 28 | 27 | 23 | 67 | 34 | 99 | 59 | 15 | 48 |
| 15 and over | 2393 | 78 | 111 | 101 | 396 | 119 | 63 | 69 | .. | .. |
| TOTALS | 4403 | 255 | 622 | 484 | 1183 | 1079 | 1538 | 1306 | 844 | 634 |

SMALLPOX : RE-VACCINATION

| | | | |
|-------------------------|----|----|------|
| Children under 16 years | .. | .. | 105 |
| Others | .. | .. | Nil. |

Table 24

Tuberculosis

| | |
|--|------|
| Number of Contact Examinations | 577 |
| Number of Heaf's Multiple Puncture Tests of Contacts .. . | 577 |
| Number negative and given B.C.G. .. . | 295 |
| Number positive .. . | 200 |
| Number of Annual Tests (M.P.) of children previously vaccinated .. | .. |
| Mass Vaccination of School Children : | |
| Number of Invitations sent .. . | 1618 |
| Number Accepted .. . | 1093 |
| Number Heaf Tested .. . | 997 |
| Number Positive .. . | 197 |
| Number Negative and Vaccinated .. . | 687 |
| Number of Positive Readings .. . | 509 |

Table 25**Measles**

This immunisation scheme was introduced during 1970. Local General Practitioners gave the following protective doses:

| <i>Year of Birth</i> | <i>East</i> | <i>West</i> | <i>Total</i> |
|----------------------|-------------|-------------|--------------|
| 1960 | — | — | — |
| 1961 | 1 | — | 1 |
| 1962 | 1 | 1 | 2 |
| 1963 | — | — | — |
| 1964 | — | 1 | 1 |
| 1965 | 3 | 3 | 6 |
| 1966 | 12 | 2 | 14 |
| 1967 | 32 | 9 | 41 |
| 1968 | 38 | 9 | 47 |
| 1969 | 133 | 15 | 148 |
| 1970 | 126 | 4 | 130 |

Tetanus

Since January, with the co-operation of the staff of the Accident and Medical Records Departments of the Royal Infirmary, Blackburn, adult residents who attend as casualties are sent for to complete their ante-tetanus injections at Montague and Larkhill Health Centres. 197 Patients completed such courses during the year.

Children referred following an accident are automatically included in the school or pre-school programmes.

MASS RADIOGRAPHY

Report on the Annual Mass Radiography Survey held in Blackburn from January to March.

| <i>Type of Examinee</i> | <i>Males</i> | <i>Females</i> | <i>Total</i> |
|--------------------------------|---------------|----------------|--------------|
| General Public | 1142 .. | 476 .. | 1618 |
| General Practitioner Referrals | 16 .. | 10 .. | 26 |
| Industry/Offices | 4908 .. | 2303 .. | 7211 |
| Contacts | 259 .. | 208 .. | 467 |
| | <hr/> 6325 .. | <hr/> 2997 .. | <hr/> 9322 |

Findings :

Eleven cases of tuberculosis requiring close Clinic supervision or treatment.

Two cases of tuberculosis requiring supervision at the Chest Clinic.

Three cases of malignant neoplasm.

Nine cases of non-malignant neoplasm.

Two cases of Sarcoids.

Forty-six cases of Acquired Cardiac Abnormalities and abnormalities of Vascular System.

Three cases of Pneumoconiosis without P.M.F.

Dr. J. I. Capper, Medical Director, has sent the following report on the work of the Unit in Blackburn during 1971.

"I attach a report for the work done by the mobile X-Ray Unit for the year of 1971 with a comparison with the previous year.

With a reduction of the Mass Radiography Service of about 60% during 1969 in the region, the work of the Unit has had to be progressively altered. We are no longer able to visit factories on a rotational basis in the town and now confine our attention to those with a high percentage of immigrant labour or a high dust problem; the process of industrial notification of Tuberculosis has been implemented to help us in this matter. At the same time General Practitioner Sessions were started fortnightly at the Montague Health Centre and here we x-ray cases referred by General Practitioners and yourself, school teachers, people in contact with children and recent immigrants to the country. In this way we have endeavoured to make the Unit capable of coping with the problems arising in the town of Blackburn.

The total number x-rayed in the town has more than doubled in the two years under review, as has the number of people attending the General Practitioner Sessions. The rise in the number of cases of Tuberculosis from 15 to 45 (42 immigrants) at the General Practitioner Sessions will be noted. The latter figure represents the Tuberculosis rate of 14 per 1,000. The overall Tuberculosis rate as far as our work in Blackburn is concerned is 4.2 per 1,000, nine times the national average.

There is obviously room for intensification of the ways and means of dealing with the Tuberculosis problem in the town and as we are no longer able to perform the old type of Mass Radiography survey with the means at our disposal, perhaps the situation should be reviewed in the near future".

| | Number X-rayed | | Number of Cases | | Rate 1,000) | |
|--|-------------------|--------|-------------------------|-------------------------|----------------|-------|
| | 1970 | 1971 | 1970 | 1971 | 1970 | 1971 |
| General Practitioner and Medical Officer of Health Referral Sessions | 1,522 | 3,186 | 15 (11 Immi- grants) | 45 (42 Immi- grants) | 9.86 | 14.12 |
| Industry and General Public Sessions. (including Special Contact Surveys) | 5,110 | 10,491 | 9 (5 Immi- grants) | 12 (11 Immi- grants) | 1.76 | 1.14 |
| TOTALS | 6,632 | 13,677 | 24 | 57 | 3.62 | 4.16 |

AMBULANCE SERVICE

Table 26

Ambulance Running during the year ended 31st March, 1971 :

| | | | | | | | |
|---|----|----|----|----|----|----|---------------|
| 1. Number of operational vehicles at 31st March, 1971 : | | | | | | | |
| (a) Ambulances 2/4 stretchers | .. | .. | .. | .. | .. | .. | 8 |
| (b) Dual-purpose vehicles, 1 stretcher | .. | .. | .. | .. | .. | .. | 7 |
| (c) Sitting-Case vehicles | .. | .. | .. | .. | .. | .. | 1 |
| | | | | | | | <hr/> 16 |
| 2. Total Mileage : | | | | | | | |
| (a) Ambulances 2/4 stretchers | .. | .. | .. | .. | .. | .. | 109,134 |
| (b) Other vehicles | .. | .. | .. | .. | .. | .. | 110,992 |
| | | | | | | | <hr/> 220,126 |
| 3. Number of Persons carried : | | | | | | | |
| (a) Accident or Emergency : | | | | | | | |
| Stretcher cases | .. | .. | .. | .. | .. | .. | 2,514 |
| Sitting cases | .. | .. | .. | .. | .. | .. | 2,408 |
| (b) Others : | | | | | | | |
| Stretcher cases | .. | .. | .. | .. | .. | .. | 5,452 |
| Sitting cases | .. | .. | .. | .. | .. | .. | 55,301 |
| (c) Others : Non-Section 27 cases | .. | .. | .. | .. | .. | .. | 8,194 |
| 4. Patients carried by Rail : | | | | | | | |
| (a) Number of Persons | .. | .. | .. | .. | .. | .. | 61 |
| (b) Mileage | .. | .. | .. | .. | .. | .. | 5,193 |
| 5. Number of operational staff | .. | .. | .. | .. | .. | .. | 35 |
| 6. Number of Ambulance Stations | .. | .. | .. | .. | .. | .. | 1 |
| 7. Population of Service Area | .. | .. | .. | .. | .. | .. | 112,440 |
| 8. Acreage of Service Area | .. | .. | .. | .. | .. | .. | 22,080 |

COLOSTOMY

I am indebted to Mrs. J. E. Watson for the following report:

"A Colostomy Advisory Service, staffed by members of the Colostomy Welfare Group was started at Larkhill Health Centre on 1st September, 1971. By the end of the year 30 cases had been seen, involving 120 visits.

Sessions are held each Tuesday and Friday from 10 a.m. to 12 noon.

Patients are seen in hospital after operation, then at home following discharge. To date, approximately 2/3 cases are "other areas" i.e. Wigan, Oldham etc.

Blackburn cases:

| | | |
|-----------------|-------------------------------|---|
| Sources: | General Practitioners | 4 |
| | Health Visitor | 1 |
| | Medical Officer of Health | 1 |
| | Royal Infirmary | 1 |
| | Plus a few private inquiries. | |

I have expressed my concern previously regarding lack of publicity, as the above figures show. Senior Staff (Nursing) at the Royal Infirmary appear to be co-operative but information does not seem to get to **Ward** level. As an example, a patient operated upon at Queen's Park Hospital asked a nurse for post operative advice. He was told to write to London!

I would hope that during 1972, information is passed to patients with a consequent increase in our activities".

OCCUPATIONAL THERAPY

The expected expanding workload of the Occupational Therapy Staff did not in fact materialise because Miss Entwisle left in December 1970 and it proved impossible to replace her with a qualified member of staff.

Consequently, sessions at the hostels, baths and the Open Air School had to be cut to enable the remaining Occupational Therapist to cope with the work.

The number of registered physically handicapped rose rapidly in 1971, mainly due to the Chronically Sick and Disabled Persons' Act 1970.

A further ten purpose-built properties were envisaged for 1972, to be built on the Ashworth Estate, six for two persons and four bungalow type dwellings.

| | | | |
|-------------------|----|----|-----|
| Workshop Sessions | .. | .. | 374 |
| Hostel | .. | .. | 74 |
| Other visits | .. | .. | 184 |
| Domiciliary | .. | .. | 921 |
| Blackamoor | .. | .. | 30 |
| Hydrotherapy | .. | .. | 3 |

At the end of 1971, the attendances at the Workshops were

| | | | |
|----------------|----|----|------------|
| | | | Treatments |
| Handcraft | .. | .. | 2393 |
| Sheltered Work | .. | .. | 16753 |
| Therapy | .. | .. | 491 |
| Total | | | 19637 |

The Occupational Therapist continued to provide Aids for Daily Living throughout the year, and when the Social Services Department became operative in September 1971, Mrs. Price assumed responsibility for all adaptations to properties for physically handicapped.

Aids to Daily Living issued in the year.

| | | | |
|----------------------|----|----|----|
| Walking Aids | .. | .. | 24 |
| Personal toilet aids | .. | .. | 15 |
| Special tableware | .. | .. | 11 |
| Seats | .. | .. | 2 |
| Dressing | .. | .. | 16 |
| Lifting | .. | .. | 7 |
| Trolley | .. | .. | 1 |
| Handrails | .. | .. | 14 |
| Shaver | .. | .. | — |
| Bath aids | .. | .. | 47 |
| Household | .. | .. | 13 |

Housing applications, bus passes and suitability for Workshop training were the major reasons for initial domiciliary visits by the Occupational Therapist:

| | | | |
|----------------------|----|----|----|
| Bus Passes | .. | .. | 36 |
| Housing applications | .. | .. | 53 |

The majority of these people were not on the handicapped register and many of them required further visits for Aids to Daily Living and adaptations to property.

MISCELLANEOUS STATISTICS

Superannuation Examinations

| | | | | | |
|---|----|----|----|----|-----|
| Number of questionnaires | .. | .. | .. | .. | 471 |
| Number of Superannuation Examinations | .. | .. | .. | .. | 94 |
| Number of Training College Candidates and | | | | | |
| Temporary Teacher Examinations | .. | .. | .. | .. | 137 |

Burials and Cremations

CREMATIONS

The Medical Officer of Health and Deputy Medical Officer of Health are the medical referees for the authorising of cremations under the Cremation Acts.

During 1971, 1387 cremations were authorised (864 Borough, 523 out of Borough).

BURIALS (now transferred to Social Services)

During the year, arrangements for burial were made in 5, and for cremation in 13 cases at a total cost of £549. Of this expenditure £397 was recovered.

Meals provided for Old Persons (now transferred to Social Services)

(i) Meals on Wheels

| | | | | | Health Department | W.V.S. |
|-------------------------------|----|----|----|----|----------------------|--------|
| On Books at beginning of year | .. | .. | .. | .. | 92 | 68 |
| New Cases | .. | .. | .. | .. | 66 | 44 |
| Cases ceased | .. | .. | .. | .. | 54 | 40 |
| Number of cases supplied | .. | .. | .. | .. | 158 | 152 |
| Number of meals supplied | .. | .. | .. | .. | 10,968 | 7,942 |
| On Books at end of year | .. | .. | .. | .. | 96 | 72 |

(ii) At Hostels for Non-Residents

| | Burnside | Laneside | Shadsworth | Feniscliffe | West Bank | Longshaw | Kingsway |
|-------------------------------|----------|----------|------------|-------------|-----------|----------|----------|
| On Books at beginning of year | 16 | .. 5 | .. 2 | .. — | .. — | .. 5 | .. — |
| New Cases | 3 | .. 5 | .. — | .. — | .. — | .. 6 | .. 1 |
| Cases Ceased | .. | .. — | .. 1 | .. — | .. — | .. — | .. — |
| Number of Cases supplied | 19 | .. 10 | .. 1 | .. — | .. — | .. 11 | .. 1 |
| Number of Meals supplied | 5019 | ..2632 | .. 581 | .. — | .. — | ..1419 | .. 102 |
| On Books at end of year | 19 | .. 10 | .. 1 | .. — | .. — | .. 11 | .. 1 |

Chiropody

PART 1 Number of persons treated during year ending 31st December 1971.

| | | By local authorities (1) | By Private chiropodists (2) | Total (3) |
|---|-----------------------------|--------------------------------|-----------------------------------|--------------|
| 1 | Persons aged 65 and over | 649 | 3226 | 3875 |
| 2 | Expectant Mothers | 20 | — | 20 |
| 3 | Others | 47 | — | 47 |
| 4 | Handicapped Persons | 170 | — | 170 |
| 5 | School Children | 2896 | — | 2896 |
| 6 | Pre-School Children | 16 | — | 16 |
| | TOTAL | 3798 | 3226 | 7094 |

PART 2 Number of treatments given during year ending 31st December 1971.

| | | By local authorities (1) | By Private chiropodists (2) | Total (3) |
|---|-------------------------------|--------------------------------|-----------------------------------|--------------|
| 1 | In clinics | 6632 | — | 6632 |
| 2 | In patients' homes | 482 | 4284 | 4766 |
| 3 | In old people's homes | 3135 | — | 3135 |
| 4 | In chiropodists' surgeries | — | 10526 | 10526 |
| 5 | Total | 10249 | 14810 | 25059 |

Loan of Equipment. Invalid aids are available on loan or supply from the Health Centres often on the advice of District Nurses or Medico-Social Workers, or requests from General Practitioners.

Annual issues in 1971 were:-

| | | | |
|---------------------|-----|----------------------|--------|
| Bedpans | 132 | Urinals | 81 |
| Bed Cages | 36 | Mackintosh Sheets | 188 |
| Air Cushions . . . | 91 | Back Rests | 101 |
| Air Beds | — | Crutches (pairs).. | 17 |
| Commodes | 32 | Walking Sticks . . | 7 |
| Walking Aids . . . | 80 | Feeding Cups.... | 8 |
| Bed Pulley | 2 | Incontinent Pads | 66,850 |
| Bed Blocks | 2 | | |
| Wheelchairs | 40 | | |
| Bed Table.... | 1 | | |

In many cases the loans are virtually permanent and this is a very valuable supportive service to community medical needs.

Registration of Homes

NURSING HOMES

Three Homes are registered under the Nursing Homes Act, 1963 :

| | | Beds Provided | |
|-------------------------------------|----|---------------|-------|
| | | Maternity | Other |
| "Our Lady of Compassion," Beardwood | .. | 9 | .. 26 |
| "Rockmount," Adelaide Terrace | .. | — | .. 15 |
| "Bamford House" Preston New Road | .. | — | .. 11 |

WELFARE SERVICES

(TRANSFERRED OCTOBER, 1971
BUT STATISTICAL DETAILS QUOTED
TO END OF YEAR)

TABLE 27 Hostels for the Aged

| | Park View | | | | West Bank | | | H'side | | Shadsworth Hse | | | Fencliffe Bank | | | Burnside | | | Laneside | | | Longshaw | | | Kingsway | | | Total | | | |
|-------------------|-----------|-----|----|-------|-----------|----|-------|--------|-------|----------------|----|-------|----------------|----|-------|----------|----|-------|----------|----|-------|----------|----|-------|----------|----|-------|-------|-----|-----|-----|
| | M. | W. | C. | Total | M. | W. | Total | W. | Total | M. | W. | Total | M. | W. | Total | M. | W. | Total | M. | W. | Total | M. | W. | Total | M. | W. | Total | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total .. 31.12.70 | 4 | 20 | .. | 24 | 3 | 36 | 39 | 31 | | 11 | 22 | 33 | 12 | 32 | 44 | 18 | 28 | 46 | 23 | 20 | 43 | 10 | 34 | 44 | 10 | 26 | 36 | 91 | 250 | .. | 341 |
| Admitted from | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Home | 35 | 105 | 14 | 154 | .. | 4 | 4 | 1 | 1 | 1 | 1 | 2 | 3 | 4 | 7 | .. | 1 | 1 | .. | 1 | 1 | 2 | 2 | 4 | .. | 8 | 8 | 41 | 127 | 14 | 188 |
| Hospitals | 8 | 24 | .. | 32 | 1 | 1 | 2 | 4 | .. | .. | .. | .. | .. | 3 | 3 | 3 | 7 | 10 | 4 | 2 | 6 | 2 | 3 | 5 | 1 | 4 | 5 | 19 | 48 | .. | 67 |
| Hostels | 2 | 2 | .. | 4 | .. | 1 | 1 | .. | 2 | 2 | 2 | 4 | 5 | 2 | 7 | 3 | 3 | 6 | .. | 2 | 2 | .. | 1 | 1 | .. | 1 | 1 | 12 | 14 | .. | 26 |
| Elsewhere | .. | .. | .. | .. | .. | 7 | 7 | 3 | .. | 4 | 4 | 4 | 3 | 3 | 6 | 1 | 1 | 2 | 3 | 5 | 8 | 4 | 2 | 6 | 2 | 18 | 20 | 13 | 43 | .. | 50 |
| | 49 | 151 | 14 | 214 | 4 | 49 | 53 | 39 | 14 | 29 | 43 | 23 | 44 | 67 | 25 | 40 | 65 | 30 | 30 | 60 | 18 | 42 | 60 | 13 | 57 | 70 | 176 | 482 | 14 | 672 | |
| Discharged to— | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Home | 9 | 31 | 14 | 54 | .. | 3 | 3 | 1 | 1 | .. | 1 | 1 | 2 | .. | 2 | .. | 1 | 1 | .. | 1 | 1 | 2 | 1 | 3 | .. | 1 | 1 | 14 | 39 | 14 | 67 |
| Hospitals | 11 | 18 | .. | 29 | 3 | 3 | 6 | 9 | 1 | 4 | 5 | 4 | 3 | 7 | 3 | 9 | 12 | 4 | 1 | 5 | 3 | 4 | 7 | 2 | 6 | 8 | 31 | 57 | .. | 88 | |
| Hostels | 22 | 52 | .. | 74 | .. | .. | .. | .. | 1 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | 2 | 1 | 1 | 2 | .. | .. | .. | 25 | 55 | .. | 80 |
| Elsewhere | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | 1 | 1 | 2 | 2 | 4 | .. | .. | .. | 1 | 1 | 2 | .. | .. | .. | .. | .. | .. | 4 | 4 | .. | 8 |
| Died | 2 | 7 | .. | 9 | 1 | 4 | 5 | 1 | 1 | 3 | 4 | 7 | 5 | 12 | .. | 9 | 9 | 3 | 5 | 8 | 1 | 6 | 7 | 1 | 12 | 13 | 16 | 52 | .. | 68 | |
| Total 31.12.71 .. | 5 | 43 | .. | 48 | .. | 39 | 39 | 27 | 9 | 21 | 30 | 8 | 34 | 42 | 22 | 21 | 43 | 21 | 21 | 42 | 11 | 30 | 41 | 10 | 38 | 48 | 86 | 275 | .. | 361 | |

Hostels for the Aged

Table 28

CLASSIFICATION OF RESIDENTS

| | | | | | | | Men | Women | Total |
|------------------------------|----|----|----|----|----|----|-----|-------|-------|
| Blind | .. | .. | .. | .. | .. | .. | 8 | 22 | 30 |
| Deaf | .. | .. | .. | .. | .. | .. | 10 | 33 | 43 |
| Epileptic | .. | .. | .. | .. | .. | .. | 2 | 3 | 5 |
| Physically infirm (not aged) | .. | .. | .. | .. | .. | .. | 2 | 6 | 8 |
| Mentally infirm (not aged) | .. | .. | .. | .. | .. | .. | 2 | 6 | 8 |
| Other aged | .. | .. | .. | .. | .. | .. | 77 | 220 | 297 |
| Total | | | | | | | 101 | 290 | 391 |

Table 29

AGE GROUPS OF RESIDENTS

| | | | | | | | Men | Women | Total |
|-----------------------|----|----|----|----|----|----|-----|-------|-------|
| Under 30 years of age | .. | .. | .. | .. | .. | .. | — | — | — |
| 30 to 49 years of age | .. | .. | .. | .. | .. | .. | — | — | — |
| 50 to 64 years of age | .. | .. | .. | .. | .. | .. | 7 | 13 | 20 |
| 65 to 74 years of age | .. | .. | .. | .. | .. | .. | 24 | 44 | 68 |
| 75 to 84 years of age | .. | .. | .. | .. | .. | .. | 42 | 164 | 206 |
| 85 years and over | .. | .. | .. | .. | .. | .. | 18 | 86 | 104 |
| Total | | | | | | | 91 | 307 | 398 |

Table 30. Categories of those on the handicapped registered

| | 1969 | | 1970 | | 1971 | | 1971 |
|--|------------|------------|------------|------------|------------|------------|------------|
| | Male | Female | Male | Female | Male | Female | Total |
| Amputations | 19 | 5 | 25 | 8 | 32 | 13 | 45 |
| Arthritis | 12 | 38 | 27 | 76 | 43 | 102 | 145 |
| Congenital Malformation and deformities | 6 | 6 | 6 | 6 | 19 | 18 | 37 |
| Diseases of Digestion and urinary system | — | — | 1 | 1 | 5 | 7 | 12 |
| Disease of the Heart | 2 | 5 | 8 | 15 | 13 | 21 | 34 |
| Diseases of respiratory system (other than tuberculosis) | 5 | 4 | 10 | 7 | 24 | 18 | 42 |
| Epilepsy | 9 | 3 | 8 | 5 | 11 | 6 | 17 |
| Injuries of the Head | — | — | — | 2 | 8 | 5 | 13 |
| Injuries or diseases of limbs or spine (other than tuberculosis) | 31 | 6 | 36 | 11 | 46 | 31 | 77 |
| Multiple sclerosis, poliomyelitis, paralysis etc | 41 | 39 | 61 | 48 | 85 | 66 | 151 |
| Neurosis, psychosis and other mental disorder | — | 3 | — | 6 | 2 | 16 | 18 |
| Spastic | 4 | 4 | 5 | 5 | 9 | 6 | 15 |
| Tuberculosis (non respiratory) | — | 2 | 1 | 3 | 3 | 5 | 8 |
| Diabetes | — | — | 2 | — | 11 | 16 | 27 |
| | <u>129</u> | <u>115</u> | <u>190</u> | <u>193</u> | <u>311</u> | <u>330</u> | <u>641</u> |

REGISTRATION OF THE BLIND

| Age groups of registered blind | | | | | | 1971 | |
|--------------------------------|----|----|----|----|----|------|----|
| | | | | | | M | F |
| From 0 - 10 years | .. | .. | .. | .. | .. | 4 | 1 |
| From 11 - 20 years | .. | .. | .. | .. | .. | - | 5 |
| From 21 - 49 years | .. | .. | .. | .. | .. | 13 | 11 |
| From 50 - 69 years | .. | .. | .. | .. | .. | 39 | 49 |
| Over 70 years | .. | .. | .. | .. | .. | 28 | 79 |

In 1958 there were on the register, 47 persons where blindness occurred in the first year of life, whereas for the years 1963-1970 inclusive not one child was registered blind in the first year and only two children in their second year of life.

In contrast, the degenerative diseases and conditions causing blindness

In 1958 constituted 11 out of 17 registered

| | | | | | | |
|--------|---|----|---|---|----|---|
| „ 1965 | „ | 14 | „ | „ | 14 | „ |
| „ 1966 | „ | 9 | „ | „ | 9 | „ |
| „ 1967 | „ | 21 | „ | „ | 21 | „ |
| „ 1968 | „ | 27 | „ | „ | 28 | „ |
| „ 1969 | „ | 15 | „ | „ | 15 | „ |
| „ 1970 | „ | 15 | „ | „ | 15 | „ |
| „ 1971 | „ | 15 | „ | „ | 20 | „ |

Inevitably the onset of blindness has been carried into later and later age groupings so that less and less persons will need the sheltered employment of Blind workshops. More and more will suffer the tragedy of blindness when it will affect leisure and social integration rather than wage earning.

In the Blackburn Workshops for the Blind the numbers have continued to decline as follows:

| | | | | 1958 | 1970 | 1971 |
|---------------------|----|----|----|------|------|------|
| Travelling Salesmen | .. | .. | .. | 2 | 1 | — |
| Skip department | .. | .. | .. | 7 | — | — |
| Brush department | .. | .. | .. | 17 | 15 | 7 |
| Knitting department | .. | .. | .. | 8 | 3 | 2 |

Table 31

| | | | | | BLIND | | PARTIALLY SIGHTED | |
|------------------------------------|----|----|----|----|-------|-----|-------------------|----|
| | | | | | M. | F. | M. | F. |
| On Register, 31st December, 1970 | .. | | | | 82 | 131 | 23 | 69 |
| Newly certified during year | .. | .. | | | 9 | 20 | 7 | 26 |
| Transferred P.S. to Blind Register | .. | | | | — | 5 | 0 | 5 |
| Transferred Blind to P.S. Register | .. | | | | — | — | — | — |
| Transferred from other Authorities | .. | | | | 2 | 5 | — | — |
| Transferred to other Authorities | .. | | | | — | 2 | — | 1 |
| Deaths | .. | .. | .. | .. | 9 | 14 | 3 | 12 |
| De-Certified | .. | .. | .. | .. | — | — | — | — |
| On Register 31st December, 1971 | .. | | | | 84 | 145 | 27 | 77 |

BLIND PERSONS IN HOMES, HOSPITALS, ETC.

| | Men | Women |
|---|------|-------|
| Fenisccliffe Bank | 1 .. | 3 |
| Queen's Park Hospital | 2 .. | 1 |
| Brockhall Hospital | 3 .. | 1 |
| Catholic Home for the Blind, Liverpool .. | 1 .. | — |
| Oaklands Home for the Blind, Holmfirth .. | — .. | 1 |
| Nazareth House | — .. | 1 |
| Shadsworth House | 3 .. | 2 |
| Abbeyfield Home, Preston New Road .. | — .. | 1 |
| Laneside | — .. | 3 |
| Longshaw House | — .. | 2 |
| Burnside | — .. | 2 |
| Kingsway | — .. | 2 |

BLIND CHILDREN

| | M | F |
|--------------------------------|---|---|
| At Special Schools, etc. | 6 | 1 |
| Including Nursery Schools | — | — |

Partially Sighted. Analysis of the age groups of persons on the partially sighted register show that whereas in 1958 60.4% persons were over the age of 50 years ; 45.8% were over the age of 65 years ; by 1970 there were 77.0% over the age of 50 years and 66.3% over the age of 65 years, in 1971 68.6 were over 50 years and 64.6 over the age of 65 years.

Of the various categories of partially sighted persons in 1958, in Group A *i.e.*, "Prospective Blind" there were 13 from a total of 48 as compared with 49 "prospective blind" from a total of 92 in 1970. There were a total of 53 in 1971 "Group A" Prospective Blind Category.

PARTIALLY SIGHTED

There were 104 persons on the "Observation" Register on the 31st December, 1971. Thirty Three cases were newly-certified.

The following shows the age groups of the persons on the "Observation" Register of Partially Sighted :

| | Men | Women |
|---------------------------|-----|-------|
| 5 to 15 years | 1 | 4 |
| 16 to 20 „ | 1 | 1 |
| 21 to 49 „ | 6 | 8 |
| 50 to 64 „ | 5 | 7 |
| 65 years and over | 17 | 54 |

The following shows the various categories of Partially Sighted persons :

| | M. | F. | Totals |
|-------------------------------------|----|----|--------|
| GROUP A. Prospective Blind | 16 | 52 | 68 |
| GROUP B. Industrially Handicapped— | | | |
| In Employment | 7 | 5 | 12 |
| Training | — | — | — |
| Awaiting Training | — | — | — |
| Not available for work | 1 | 1 | 2 |
| GROUP C. Requiring Observation only | 2 | 15 | 17 |
| GROUP D. Children | 1 | 4 | 5 |

CAUSES OF BLINDNESS OR PARTIAL SIGHT IN CASES REGISTERED DURING THE YEAR

| | Blind | Partially Sighted |
|--------------------------------------|-------|-------------------|
| Cataract | 8 | 6 |
| Glaucoma | 7 | 5 |
| Macular degeneration | 5 | 7 |
| Optic atrophy | 2 | — |
| Lens Sclerosis | 2 | 4 |
| Congenital Nystagmus | — | — |
| Keratitis Choroiditis | 1 | — |
| Diabetic Retinopathy | 5 | 4 |
| Chronic Recurrent-Keratitis | — | 1 |
| Myopic Degeneration | 2 | 5 |
| Disseminated Choroid Retinitis | 1 | 1 |
| Retina Blastoma | — | — |
| Amblyopia | — | — |
| Pthisis Bulbi | 1 | — |

Deaf and Dumb

There were 81 persons on the Register at the end of 1971, the majority of whom were deaf and dumb. The following table shows the age groups :

| | | | | Deaf with Speech | | Deaf without Speech | | | | |
|-------------------|----|----|----|------------------|----|---------------------|----|---|----|---|
| | | | | M. | F. | M. | F. | | | |
| Under 16 years | .. | .. | .. | 4 | .. | 4 | .. | 5 | .. | 5 |
| 16—29 years | .. | .. | .. | — | .. | 4 | .. | 7 | .. | 2 |
| 30—49 years | .. | .. | .. | 3 | .. | 6 | .. | 5 | .. | 4 |
| 50—64 years | .. | .. | .. | — | .. | 5 | .. | 8 | .. | 4 |
| 65 years and over | .. | .. | .. | — | .. | 4 | .. | 7 | .. | 4 |

Deaf/Blind Persons

Twenty one of the persons on the Register for the Blind are also deaf or hard of hearing as follows :

| | | | | Men | | Women | |
|---------------------------|----|----|----|-----|----|-------|--|
| Deaf/Blind without speech | .. | .. | .. | — | .. | 1 | |
| Deaf/Blind with speech | .. | .. | .. | — | .. | 6 | |
| Blind hard of hearing | .. | .. | .. | 3 | .. | 11 | |

Table 32

AGE GROUPS OF EPILEPTICS UNDER CARE

Epileptics

| | Mag-hull | Langho Colony | | Burn-side | Longshaw | | Hill-side | Laneside | | T'tl |
|----------------|----------|---------------|----|-----------|----------|----|-----------|----------|----|------|
| | M | M | W | W | M | W | W | M | W | |
| Under 30 | 1 | 2 | 1 | .. | .. | .. | .. | .. | .. | 4 |
| 30 to 39 | .. | 2 | .. | .. | .. | .. | .. | .. | .. | 2 |
| 40 to 49 | .. | 2 | .. | .. | .. | .. | .. | .. | .. | 2 |
| 50 to 64 | .. | 5 | 3 | .. | .. | .. | .. | .. | .. | 8 |
| 65 plus | .. | .. | 2 | 1 | 1 | 1 | .. | 1 | .. | 6 |
| | | | | | | | | | | |
| Totals | 1 | 11 | 6 | 1 | 1 | 1 | .. | 1 | .. | 22 |

Disabled Persons' and Aged Persons' Homes

Persons who carry on Disabled Persons' Homes and Homes for Aged Persons are required by Section 37 of the National Assistance Act, 1948, to apply to the Local Authority for registration. Six homes are registered, viz :

| | | | Men | | Women |
|---|----|----|-----|----|-------|
| Nazareth House, Preston New Road | .. | .. | 21 | .. | 29 |
| Liverpool House, Audley Range .. | .. | .. | - | .. | 8 |
| Richardson House for deaf women, Billinge End Road | .. | .. | - | .. | 32 |
| Franciscan Convent, East Park Road | .. | .. | - | .. | 14 |
| "Hawkhurst," Shear Bank Road .. | .. | .. | 2 | .. | 14 |
| "The Cliffe," East Park Road .. | .. | .. | - | .. | 10 |

Mowbray Lodge Adult Training Centre

The Adult Training Centre was opened in April, 1965, and has provided a useful community service for the Mentally Disordered.

| | Male | Female | Total |
|--|------|--------|-------|
| The number of trainees attending at 31/12/71 | 51 | 38 | 89 |

The number of trainees classified as percentages was as follows:—

| | |
|-------------------------------|-----|
| Severely Mentally Handicapped | 50% |
| Mentally Handicapped | 9% |
| E.S.N. School Leavers | 20% |
| Mentally Ill | 21% |

During 1971 a total of 12 people left the Centre as follows:

| | M | F |
|----------------------------|---|---|
| To full employment | 1 | 1 |
| To Hospital care— | | |
| Mentally Handicapped | 1 | 3 |
| To Hospital—mental illness | 2 | 3 |
| Left Town | — | — |
| Temporary | 1 | — |
| | 5 | 7 |

Mowbray Lodge Hostel (Males)

| | 1969 | 1970 | 1971 |
|-------------------------------------|------|------|------|
| Number of Residents 31st December | 19 | 22 | 19 |
| Number admitted for Short term care | 5 | 3 | 2 |

Bank House Hostel (Females)

| | | | |
|-------------------------------------|----|----|----|
| Number of Residents 31st December | .. | .. | 13 |
| Number admitted for Short term care | .. | .. | 4 |

I am indebted to the Blackburn & District Association for Family Social Work, for the following report :

Care of the Unsupported Mother and her Child 1971

During the year 1.1.71 — 31.12.71 this Agency has seen 71 Unsupported Mothers, from the Borough area.

1 aged 15
12 aged 16
9 aged 17
49 aged 18 and 18 plus.

Of these, 62 were single, 2 separated and 7 divorced expectant mothers.

Nine of the pregnancies resulted in clinical termination, 1 was a natural miscarriage, and 2 were still born babies.

REPORT ON SCHOOL HEALTH SERVICE

EDUCATION COMMITTEE

1971-72

THE MAYOR

(Mr. Alderman John Simpson)

| | |
|----------------|--|
| Alderman | SIR GEORGE EDDIE, O.B.E., J.P. |
| „ | L. EDWARDS, F. INST., L.Ex. |
| „ | W. A. HENSHALL, M.C. |
| „ | Mrs. M. A. McNAMEE |
| „ | R. F. MOTTERSHEAD, C.B.E., D.L., (<i>Ex Officio</i>) |
| Councillor | A. DARWENT, M.B.E., F.C.I.S., F.I.B. |
| „ | R. N. S. EDWARDS |
| „ | P. FIELDING |
| „ | R. FOULKES |
| „ | B. GREENWOOD |
| „ | Mrs. N. R. HAWORTH |
| „ | F. HIGHAM |
| „ | F. HULME |
| „ | Miss F. G. LEWIS |
| „ | R. E. K. MARTIN (<i>Chairman</i>) |
| „ | E. SMITH |
| „ | T. TAYLOR, O.B.E., (<i>Vice Chairman</i>) |
| „ | R. TODD |
| „ | C. WEST |
| The Rev. Canon | L. E. H. SWAN |
| The Rev. | J. HENNESSY |
| The Rev. | R. GLYNN-JONES |
| | J. BOLTON, Esq. |
| | A. L. ECCLES, Esq. |
| | H. GREEN, Esq. |

SCHOOL CLINICS

School Clinics :

School Clinics are distributed as follows:

LARKHILL MAJOR HEALTH CENTRE :

and

MONTAGUE MAJOR HEALTH CENTRE : Inspection and Follow-up Clinics, Ophthalmic, Dental, Physiotherapy, Immunisation and Vaccination, Ear, Nose and Throat, Audiology, Orthoptic, Speech, Chiropody, Child Guidance and Minor Treatments.

Except for Minor Treatments, attendances are by appointment.

LITTLE HARWOOD HEALTH CENTRE }
BENTHAM ROAD HEALTH CENTRE } Minor Treatments.

GLENLUCE FAMILY WELFARE CENTRE : Minor Treatments.

The treatment of Scabies and Cleansing of Verminous Cases continues to be given at the Bathing Unit attached to the Disinfecting Station.

COST OF SCHOOL HEALTH SERVICE

I am indebted to the Borough Treasurer, Mr. C. F. Singleton, for the following particulars relating to the cost of the School Health Service during 1970-1971.

EXPENDITURE

| | £ | p. | £ | p. |
|---|-------|----|-------|----|
| Salaries and Fees | 65032 | 51 | | |
| Local Government Superannuation— | | | | |
| Employer's Contribution | 3173 | 32 | | |
| Equal Annual Charge | 655 | 77 | | |
| National Insurances— | | | | |
| Employer's Contributions | 2314 | 07 | | |
| Staff Training | 295 | 08 | | |
| Travelling Expenses and Subsistence | | | | |
| Allowances | 780 | 28 | | |
| Drugs, Medical Requisites and Apparatus.. | 4446 | 54 | | |
| Laundry | 274 | 43 | | |
| Printing, Stationery, Postages and | | | | |
| Telephones, etc. | 595 | 22 | | |
| Uniforms | 323 | 66 | | |
| Rents and Insurances | 37 | 00 | | |
| Upkeep of Buildings | 14139 | 50 | | |
| Medical Inspections—Intending Teachers | 403 | 00 | | |
| Sundries | 5 | 22 | | |
| Loan Charges | 611 | 91 | | |
| Total Expenditure | | | 93137 | 51 |

INCOME

Recovered from—

| | | | | |
|-------------------------------------|------|----|-------|----|
| Blackburn Executive Council, | | | | |
| N.H.S. (Sight testing) | 1112 | 00 | | |
| Regional Hospital Board— | | | | |
| Orthoptic Clinics | 524 | 00 | | |
| Lancashire County Council— | | | | |
| Orthoptic Clinics | 255 | 38 | | |
| Services to Health Department .. | 624 | 00 | | |
| Services to Regional Hospital Board | 859 | 45 | | |
| Total Income | | | 3374 | 83 |
| EXPENDITURE LESS INCOME | | | 89762 | 68 |

The rateable value of the Borough on 31st March, 1971, was £3,690,681. The cost of medical inspection and treatment in schools for the twelve months ended 31st March, 1971, was £89,763, compared with £76,572 in the previous year.

This was equivalent to £5.11p. per child on the school rolls, and expressed as a penny rate was 2.63p.

SCHOOL POPULATION

Particulars of children on the rolls at maintained schools are as follows:

| | | | |
|----|--------------------------------------|-------|-------------------|
| 4 | Nursery Schools | .. .. | 228 |
| 54 | Primary School Departments | | 10717 |
| 8 | Secondary Schools | .. .. | 6836 |
| 4 | Special Schools | .. .. | 359 |
| | Total | .. .. | <hr/>18140 <hr/> |
| 4 | Nursery Classes-Average No. in Class | .. .. | 48 |

SECTION ONE

MEDICAL INSPECTIONS

The arrangements for medical inspection are as outlined in my Report for 1969.

The following tables show the results of Periodic Examinations carried out during the year.

Table 1. Periodic Medical Inspections

| Age Groups inspected (By year Birth) | Number of pupils who have received a full medical examinat'n | PHYSICAL CONDITION OF PUPILS INSPECTED | | Pupils found to require treatment (excluding dental diseases and infestation with vermin) | | | No. of Pupils found not to warrant a medical examination |
|--------------------------------------|--|--|----------------|---|---|-------------------------|--|
| | | Satisfactory | Unsatisfactory | for defective vision (excluding squint) | for any other condition recorded at Part II | Total individual pupils | |
| 1967 & later | 163 | 162 | 1 | 3 | 12 | 15 | 1 |
| 1966 | 535 | 526 | 9 | 14 | 50 | 64 | 1 |
| 1965 | 881 | 875 | 6 | 97 | 82 | 109 | .. |
| 1964 | 103 | 101 | 2 | 4 | 7 | 11 | .. |
| 1963 | 60 | 58 | 2 | 4 | 4 | 4 | .. |
| 1962 | 58 | 53 | 5 | .. | 6 | 6 | 1 |
| 1961 | 420 | 419 | 1 | 16 | 40 | 56 | 512 |
| 1960 | 262 | 258 | 4 | 7 | 19 | 26 | 308 |
| 1959 | 79 | 73 | 6 | 1 | .. | 1 | 28 |
| 1958 | 53 | 50 | 3 | .. | 2 | 2 | .. |
| 1957 | 571 | 565 | 6 | 11 | 43 | 54 | .. |
| 1956 & earlr | 1047 | 1042 | 5 | 13 | 52 | 65 | 11 |
| TOTAL | 4232 | 4182 | 50 | 100 | 317 | 413 | 862 |

Table 2. Other Inspections

Notes: A special inspection is one that is carried out at the special request of a parent, doctor, nurse or other person.

A re-inspection is an inspection arising out of one of the periodic medical inspections or out of a special inspection.

| | | | |
|-------------------------------|----|----|-----|
| Number of special inspections | .. | .. | 177 |
| Number of Re-inspections | .. | .. | 379 |

556

Table 2.

Defects found by Periodic and Special Medical Inspections

| Defect or Disease | | PERIODIC INSPECTIONS | | | | Special Inspection |
|--|---|----------------------|--------|--------|-------|-----------------------|
| | | Entr'ts | Leavrs | Others | Total | |
| Skin | T | 9 | 17 | 37 | 63 | 3 |
| | O | 19 | 17 | 57 | 93 | 4 |
| Eyes : a. Vision | T | 14 | 12 | 62 | 88 | 4 |
| | O | 53 | 52 | 174 | 279 | 4 |
| b. Squint | T | 10 | 1 | 11 | 22 | 2 |
| | O | 10 | 4 | 35 | 49 | - |
| c. Other | T | 3 | 1 | 4 | 8 | - |
| | O | 3 | 10 | 12 | 25 | - |
| Ears : a. Hearing | T | 4 | 1 | 16 | 21 | 9 |
| | O | 37 | 25 | 149 | 211 | 32 |
| b. Otitis Media | T | 1 | 1 | 3 | 5 | - |
| | O | 11 | 2 | 18 | 31 | 1 |
| c. Other | T | 1 | 1 | 18 | 20 | 3 |
| | O | 7 | 2 | 18 | 27 | - |
| Nose and Throat | T | 9 | - | 22 | 31 | 2 |
| | O | 72 | 12 | 127 | 211 | 6 |
| Speech | T | 12 | 1 | 41 | 54 | 3 |
| | O | 19 | 3 | 29 | 51 | 3 |
| Lymphatic Glands | T | - | 1 | 1 | 2 | - |
| | O | 12 | 2 | 23 | 37 | - |
| Heart | T | - | - | - | - | - |
| | O | 15 | 4 | 24 | 43 | - |
| Lungs | T | 2 | 4 | 4 | 10 | - |
| | O | 8 | 6 | 74 | 88 | 7 |
| Developmental: a. Hernia | T | - | - | - | - | - |
| | O | 6 | 1 | 6 | 13 | - |
| b. Other | T | 1 | 1 | 4 | 6 | - |
| | O | 34 | 2 | 57 | 93 | 5 |
| Orthopaedic : a. Posture | T | 3 | 3 | 14 | 20 | 2 |
| | O | 8 | 7 | 23 | 38 | 4 |
| b. Feet | T | 14 | 13 | 24 | 51 | 2 |
| | O | 15 | 5 | 36 | 56 | 5 |
| c. Other | T | 4 | 10 | 14 | 28 | 1 |
| | O | 10 | 9 | 35 | 54 | 7 |
| Nervous System : a. Epilepsy | T | - | 2 | 1 | 3 | - |
| | O | 1 | - | 6 | 7 | - |
| b. Other | T | - | 1 | 2 | 3 | 1 |
| | O | 5 | 7 | 12 | 24 | 1 |
| Psychological : a. Development | T | - | - | 3 | 3 | 1 |
| | O | 3 | - | 9 | 12 | 3 |
| b. Stability | T | - | 1 | 2 | 3 | - |
| | O | 1 | 2 | 13 | 16 | 1 |
| Abdomen | T | - | - | 4 | 4 | - |
| | O | 8 | 1 | 27 | 36 | 4 |
| Other | T | 1 | - | 14 | 15 | 2 |
| | O | 40 | 9 | 69 | 118 | 6 |

Home Visits

The School Nurses carried out 3,478 home visits in 1971. Where school children were enquired after whilst on a regular visit to younger children in a family, these visits are not included below.

Reason for Visits

| | No. of Visits | | | Total |
|---|---------------|------------|----|------------|
| | West | East | | |
| Post Medical Inspection .. | 1370 | 1391 | .. | 2761 |
| Infectious Diseases | 92 | 168 | .. | 260 |
| Pre-Special Educational Examinations | 140 | 161 | .. | 301 |
| Physically Handicapped .. | 43 | 43 | .. | 86 |
| Maladjusted | 43 | 75 | .. | 118 |
| Ineffective Visits | 40 | 18 | .. | 58 |
| | <hr/> 1728 | <hr/> 1856 | .. | <hr/> 3584 |

Schools Visits (excluding Hygiene)

| | | | | |
|---|------------|------------|----|------------|
| Infectious Diseases | 338 | 98 | .. | 436 |
| Other Reasons (including Vision Tests) | 4197 | 2149 | .. | 6346 |
| Discussions with Head Teachers | 406 | — | | 406 |
| | <hr/> 4941 | <hr/> 2247 | .. | <hr/> 7188 |

School Hygiene Inspections

| | | | | |
|------------------------------|-------|-------|----|-------|
| Children examined | 25105 | 11808 | .. | 36913 |
| Children requiring treatment | 2045 | 1370 | .. | 3415 |

Clinic Sessions Attended

| | | | | |
|--------------------------|-----------|------------|----|------------|
| Ophthalmic | 33 | 133 | .. | 166 |
| Ear, Nose & Throat | 48 | 101 | .. | 149 |
| Audiometry | 69 | 7 | .. | 76 |
| Prophylactic | 5 | 112 | .. | 117 |
| Inspection | 8 | 30 | .. | 38 |
| Follow-up | 31 | 119 | .. | 150 |
| Minor Treatment, etc. .. | 492 | 813 | .. | 1305 |
| | <hr/> 686 | <hr/> 1315 | .. | <hr/> 2001 |

SECTION TWO

TREATMENT

Tonsils and Adenoids.

In all, 98 children were operated upon during the year from the operation waiting list compiled by the Health Service. 292 remained on the list at the end of the year.

The department is notified of all children operated upon, to ensure follow-up on discharge.

Visual Defects.

Mr. P. R. Stevens & Dr. D. M. Somerville, Consultant Ophthalmologists, continued to hold sessions at Montague & Larkhill Health Centres. Details of attendances are as follows:

| | |
|------------------------------|------|
| | 1971 |
| Attendances | 1203 |
| Sessions | 111 |
| New cases | 387 |
| Prescriptions for Spectacles | 472 |

Physiotherapy and Remedial Exercises Clinic

| | <i>Health Centres</i> | | <i>Open Air School</i> | |
|-------------------------|-----------------------|--------------------|------------------------|--------------------|
| | <i>Cases</i> | <i>Attendances</i> | <i>Cases</i> | <i>Attendances</i> |
| Remedial Exercises— | | | | |
| Breathing Exercises .. | 14 | 91 | 15 | 350 |
| Posture | 17 | 51 | 1 | 3 |
| Poliomyelitis | 1 | 9 | 1 | 32 |
| Feet | 131 | 377 | — | — |
| Knock Knees | 7 | 14 | — | — |
| Congenital Defects .. | 24 | 448 | 20 | 732 |
| Others | 37 | 265 | — | — |
| Electrical Treatment .. | 1 | 6 | — | — |
| Ultra Violet Light .. | 46 | 606 | — | — |
| | <hr/> | <hr/> | <hr/> | <hr/> |
| | 278 | 1867 | 37 | 1117 |

Orthoptic Clinic

Throughout 1971 the Department was staffed by two full-time and one part-time Orthoptists.

Miss Badley left Blackburn after her marriage in March, and was replaced by Mrs. Preston.

Six sessions per week were continued at the Infirmary and sixteen per fortnight at each of the two Major Health Centres. The Saturday morning session at Montague Health Centre was discontinued in early April.

Our thanks go to Mr. Stevens and Dr. Somerville for the help and advice they have given to the Department throughout 1971.

Statistics for 1971

| | <i>Borough</i> | <i>County</i> |
|------------------------------------|----------------|---------------|
| Larkhill Health Centre | | |
| Total No. of New Cases | 45 .. | 51 |
| | — 96— | |
| Total No. of Patients Attending .. | 787 .. | 1057 |
| | —1844— | |
| Total No. of Attendances | 981 .. | 1407 |
| | —1940— | |

Number of children seen in School

1423 with 157 found to have defective visual acuity and/or strabismus.

Discharges

| | | |
|-----------------------------------|-------|----|
| Functional | 16 .. | 22 |
| Cosmetic | 10 .. | 13 |
| Failed to Attend/Left District .. | 6 .. | 19 |
| Total No. of Discharges | — 86— | |

Montague Health Centre

| | | |
|------------------------------------|--------|-----|
| Total No. of New Cases | 39 .. | 62 |
| | — 101— | |
| Total No. of Patients Attending .. | 770 .. | 848 |
| | 1618 | |
| Total No. of Attendances | 1719 | |

Number of Children seen in School

831 with 99 found to have defective visual acuity and/or strabismus.

Discharges

| | | |
|-----------------------------------|-------|----|
| Functional | 19 .. | 18 |
| Cosmetic | 10 .. | 16 |
| Failed to Attend/Left District .. | 13 .. | 4 |
| Total No. of Discharges | 80 | |

Blackburn Royal Infirmary

Old Patients — 1508
New Patients — 320

Mrs. M. SNAPE, Mrs. S. H. PRESTON

Speech Therapy

As in 1969, the department has continued to function with Mrs. J. Scott, Mrs. J. Knight and Mrs. R. Banks (formerly Miss Daniels).

Sessions were as follows:

| | <i>Mon.</i> | <i>Tues.</i> | <i>Wed.</i> | <i>Thurs.</i> | <i>Fri.</i> |
|--------------------|--------------------|--------------|-----------------------------------|--------------------|-------------|
| Mrs. Scott | | | | | |
| a.m. | Larkhill | Larkhill | B.R.I. | Larkhill | B.R.I. |
| p.m. | Larkhill | Larkhill | Larkhill | Larkhill | Larkhill |
| Mrs. Banks | | | | | |
| a.m. | Montague | Crosshill | Montague | Montague | Crosshill |
| p.m. | Bentham Rd. | Montague | Bentham Rd. (School Visits) | Montague | Montague |
| Mrs. Knight | | | | | |
| a.m. | Open Air School | Montague | Larkhill | Open Air School | Montague |

Larkhill Health Centre:

Numbers at the end of the year were as follows:

| | |
|--|------|
| Individual number of school children | 92 |
| Total number of attendances | 1360 |
| Individual number of pre-school children | 38 |
| Total attendances | 374 |
| Total discharges, school children and pre-school | 101 |
| Total failed to attends. | 582 |

Again it is noticeable that approximately a quarter of the time allocated for appointments has been lost through persistent failures to attend.

The increase in the number and attendances of pre-school children is encouraging. In September, Mrs. Scott and Mrs. Knight started an experiment in group therapy with pre-school children, following Mrs. Banks' example at Montague Health Centre. Two groups of 6 children are seen for an hour. So far it is early to assess the outcome but results would appear to be encouraging.

The Department continued to treat a varied case load though the predominant disorders as always are either disorders of articulation or disorders of language, the two frequently being connected. There is also a small number of stammerers and cleft palate patients.

In January we obtained the Linco Speech Therapy Unit, for use with individual children with partial hearing loss.

Children from the Dame Evelyn Fox Special School have continued to attend Larkhill Health Centre under the supervision of Mrs. Scott. The school is also visited every term for assessment clinics and discussion with the staff.

Owing to pressure of numbers a certain amount of school visiting had to be curtailed, though Mrs. Scott always managed to visit when it was necessary.

Montague Health Centre

| | |
|--|------|
| Total number of children on the books | 152 |
| Total attendances | 1698 |
| Total number of pre-school children | 67 |
| Total number of attendances | 321 |
| Total discharges, school children and pre-school | 139 |

The majority of children attending the clinic in 1971 were those with articulatory defects or retarded speech development. A smaller number had defective speech resulting from a stammer, repaired cleft palate, mental retardation or deafness. An increasing number of children with severe deafness were referred for Speech Therapy and in January the Department obtained the Linco Mark 3 Speech Training Unit. Although not suitable for very young deaf children it has been used to great benefit with school children with a partial hearing loss.

In April, the number of sessions at Bentham Road Health Centre was increased to two per week to cater for children living in that area. Due to this extra clinical session, school visits by the Speech Therapist ceased and consequently referrals of school children were reduced. The numbers of pre-school children attending the clinic has increased and the play group for young children with delayed speech development continued with success.

Blackamoor Special School

| | |
|---|-----|
| Total number of children at the end of the year | 20 |
| Total attendances | 393 |

Of these, 12 received regular treatment. While 8 were on review and seen once or twice a term as deemed necessary.

With continued sessions at Blackamoor, it has been possible to work through the backlog of cases, thus reducing considerably the number of cases on the list.

Children entering the school have been seen as soon as they have been referred and treatment has commenced immediately. Most of those receiving regular treatment are new entrants or in the first three classes. Two children from the partially-sighted unit also received regular treatment.

Co-operation with the teaching staff has been maintained and in one case in particular a joint plan of action has proven most beneficial.

Crosshill School

| | |
|--------------------------|-----|
| Total number of children | 40 |
| Total discharges | 28 |
| Total attendances | 483 |

Twice-weekly sessions have continued throughout the year. All new entrants to the school were seen by the Speech Therapist to assess if they needed treatment, and several children were also admitted at the request of teachers. Articulation defects are treated, with emphasis on language stimulation which many E.S.N. children particularly need. During the school summer holidays, only 15 out of 27 children sent for, attended the clinic with their parents, which is regrettable when the co-operation of parents makes such a difference to the progress of their children.

General Comments

In March, Mrs. Scott attended a residential course for 1 week in Leicester on "Disorders of Voice and Resonance". In April Mrs. Scott and Mrs. Banks

attended the Manchester Day Training Course run by the College of Speech Therapists, the subject being Speech Therapy and Mental Retardation. In April 1971, Mrs. Banks and Mrs. Knight attended a session at Fulwood Audiology Clinic for observation and discussion of work with these deaf children also attending for speech therapy at Blackburn. Mrs. Scott also visited Fulwood Audiology Clinic in June for similar discussion with Dr. Robson.

County children have continued to attend both centres but these numbers are deliberately low as the places are in great demand by our own children in Blackburn.

As has been previous policy the three members of staff have contrived to meet regularly for general discussion and organisation and co-operation with the administrative department is always appreciated.

JENNIFER B. SCOTT
Senior Speech Therapist.

Psychological Service

Annual Report for year ending December 31st, 1971.

| | |
|---|-----|
| Number of cases on file at 1.1.71. | 219 |
| Number of cases referred during the whole of 1971 | 364 |
| Number of cases dealt with during 1971 | 583 |
| Number of cases closed during 1971 | 326 |
| Number of cases on file at 31.12.71 | 257 |
| Of 364 referrals during 1971: | |
| Reason for Referral | |
| Mental Assessment | 168 |
| Educational Guidance | 104 |
| Behaviour/Emotional | 92 |
| Source of Referral | |
| Headteachers | 225 |
| Medical Officers in Department | 97 |
| Other Specialists | 18 |
| Education Welfare | 10 |
| Social Services Department | 4 |
| Liaison Officer | 3 |
| Probation Officer | 3 |
| Parents | 3 |
| N.S.P.C.C. | 1 |

Audiometry.

During 1971, 10,140 children were tested with the following results :

| | |
|--|------|
| Passed screening test (250-8,000 C.P.S.....) | 8377 |
| Referred for further investigation | 394 |
| Failed | 1369 |

Pupils known to have been provided with
hearing aids during the year 4
Hearing Aids provided in previous years .. 31

School Health Service Chiropody

In January 1971, Miss C. A. Sharpe, recently qualified at Chelsea School of Chiropody, joined the Chiropody Staff, making the establishment complete.

Individual programmes were arranged to give impetus to the school health prevention programme. Mr. Pollard devoted the whole of his time to hostels. Mr. Hunt and Mr. Foxcroft were responsible for chiropody in West and East respectively, whilst Miss Sharpe divided her attention between the two divisions. Unfortunately, in attaining this optimum use of manpower, one feels that increased facilities would be more beneficial to progress.

The year saw the advent of Social Services, which provided the Chiropody Service with a few administrative headaches.

The Senior Citizen Chiropody Scheme reached the limits of operation within the finances available to it. A good deal of time and manpower is lost each year through patients who fail to attend — 1,103 in this particular year (including a proportion of school children).

Completion of the establishment enabled an intensification of the school programme. On the east side of town, all senior schools were visited and a start made on juniors and infants. I cannot stress enough the importance of inspection and preventive work to future generations. It is essential that young people appreciate the pitfalls so that an attempt can be made to lessen the palliative treatment which will be required in later life. Of two senior schools re-visited in 1971, 1,080 children were seen, of which 331 required treatment. Efforts are made to visit special schools regularly and to carry out treatments on the premises.

| | |
|---------------------------------|-------------------|
| Number of children seen | 782) in Clinics |
| Number of treatments given | 3,348) |
| Number of lectures given | 69) |
| Number of children examined | 2,886) In School |
| Number of children with defects | 753) |

P. L. Foxcroft, M.Ch.S., S.R.Ch.
Senior Chiropodist

SECTION THREE

DENTAL INSPECTION AND TREATMENT

Report by the Principal Dental Officer Mr. J. Rigby

During the year under review, despite the fact that fewer treatment sessions have been carried out due to a reduction in sessional work by one of the part-time staff, the volume of treatment done compares very favourably with the previous year.

Inspections at school have again been reduced; only about half the children have had a routine dental inspection. It cannot be emphasised too strongly that unless additional staff is engaged, the situation will deteriorate rapidly and the service be reduced almost to the level of an emergency character. It has been mentioned in previous reports that one in four attending is a casual patient.

There is an absolutely urgent need for the appointment of at least one full time dental officer to make any appreciable improvement. The present staffing position is worse than in 1939 when three full time dental officers were employed by the Authority — and at that period there was not the demand for treatment that exists at the present day. Unless younger staff are found to carry on the service it will grind to a halt in a few years' time.

It is regrettable therefore that the inspection of pre-school children has had to be severely curtailed, and the major portion of the treatment carried out for them is of an emergency nature. Four years ago we were able to do an annual routine inspection of all the three year old children in the Borough.

Patients requiring Orthodontic treatment are adequately covered and the Orthodontist still attends for at least two sessions weekly.

The standard of Oral hygiene is gradually improving from year to year despite the fact that not a great deal of Dental Health Education is carried out by the Authority — except by the Health Visitors, whose help is much appreciated.

Co-operation from the teaching staff at inspections and the subsequent arrangements for treatment are very good and this greatly assists in the smooth running of the service.

In conclusion I must again thank the dental staff for their very willing help and hard work put in during the year.

J. Rigby,
Principal Dental Officer.

1. INSPECTIONS

| | No. of pupils | |
|---------------------------------------|---------------|-------------|
| | Inspected | Offered Tr. |
| (a) First inspection - school | 6574 | 3306 |
| (b) First inspection - clinic | 883 | |
| (c) Re-inspection - school or clinic. | 851 | 3306 |
| Totals | 8308 | |

2. VISITS (for treatment only)

| | Ages 5—9 | Ages 10—14 | Ages 15 & over | Total |
|----------------------------------|----------|------------|----------------|-------|
| First visit in the calendar year | 1768 | 1619 | 360 | 3747 |
| Subsequent visits | 1100 | 1882 | 561 | 3543 |
| Total visits | 2868 | 3501 | 921 | 7290 |

3. COURSES OF TREATMENT

| | | | | |
|------------------------------|------|------|-----|------|
| Additional courses commenced | 41 | 100 | 35 | 176 |
| Total courses commenced | 1809 | 1719 | 395 | 3923 |
| Courses completed | | | | 2145 |

4. TREATMENT

| | | | | |
|-----------------------------|-----|------|-----|------|
| Fillings in permanent teeth | 639 | 2119 | 628 | 3386 |
| Fillings in deciduous teeth | 768 | 48 | | 816 |

| | | | | |
|------------------------|-----|------|-----|------|
| Permanent teeth filled | 516 | 1885 | 575 | 2976 |
| Deciduous teeth filled | 718 | 47 | | 765 |

| | | | | |
|---------------------------|------|-----|-----|------|
| Permanent teeth extracted | 268 | 788 | 240 | 1296 |
| Deciduous teeth extracted | 2424 | 744 | | 3168 |

| | | | | |
|--------------------------------|-----|-----|----|-----|
| Number of general anaesthetics | 340 | 228 | 39 | 607 |
|--------------------------------|-----|-----|----|-----|

| | | | | |
|-----------------------|------|-----|-----|------|
| Number of emergencies | 1007 | 614 | 126 | 1747 |
|-----------------------|------|-----|-----|------|

| | | | |
|---------------------------|----|----|----------|
| Number of pupils X-rayed | .. | .. | 56 |
| Prophylaxis | .. | .. | 128 |
| Teeth otherwise conserved | .. | .. | Nil |
| Teeth root filled | .. | .. | 6 |
| Inlays | .. | .. | Nil |
| Crowns | .. | .. | 1 Bridge |

5. ORTHODONTICS

| | |
|---|-----|
| New cases commenced during the year | 35 |
| Cases completed during the year | 16 |
| Cases discontinued during the year | 3 |
| Number of removable appliances fitted | 61 |
| Number of fixed appliances fitted | 1 |
| Number of pupils referred to Hospital Consultants | Nil |

6. DENTURES

| | | | | |
|---|----------|------------|---------------|-------|
| Number of pupils fitted with dentures for first time: | Ages 5—9 | Ages 10—14 | Ages 15& over | Total |
| (a) with full denture | Nil | Nil | Nil | Nil |
| (b) with other dentures | 2 | 18 | 5 | 25 |
| Total | 2 | 18 | 5 | 25 |

Number of dentures supplied
(first or subsequent time)

| | | | |
|---|----|---|----|
| 2 | 18 | 5 | 25 |
|---|----|---|----|

7. ANAESTHETICS

Number of general anaesthetics administered by Dental Officers . .

Nil

8. SESSIONS

| | Administrative Sessions | Number of clinical sessions worked in the year | | | | Total sessions | |
|--------------------------------------|-------------------------|--|--------|----------------------|--------------|----------------|----------------------|
| | | School Service | | | M&CW Service | | |
| | | I'sp'tn at Sc'l | T'm'nt | Dental Health Ed't'n | T'm't n | | Dental Health Ed't'n |
| Dental Officers (including P.D.S.O.) | 22 | 66 | 966 | Nil | 73 | Nil | 1127 |
| Dental Auxiliaries | | | Nil | Nil | Nil | Nil | Nil |
| Dental Hygienists | | | Nil | Nil | Nil | Nil | Nil |
| Total | 22 | 66 | 966 | Nil | 73 | Nil | 1127 |

9. DENTAL HEALTH EDUCATION

As in former years, Dental Health Education has been carried out by Medico Social Workers particularly in Senior Schools.

SECTION FOUR

INFECTIOUS DISEASES

Information as to the incidence of non-notifiable infectious disease is obtained from teachers, welfare officers, public health inspectors, medico-social workers, health visitors and parents.

The following table gives particulars of cases of infectious diseases reported in school children during 1971.

Table 3

| Period | Scarlet Fever | Measles | Whooping Cough | Chicken Pox | Mumps | Dysentery | Food Poisoning | German Measles | Infective Hepatitis | Tuberculosis |
|------------------------|------------------|---------|-------------------|----------------|-------|-----------|-------------------|-------------------|------------------------|--------------|
| January- April | 16 | 51 | 3 | 5 | 2 | 7 | - | - | 5 | 10 |
| May-August | 15 | 88 | - | 10 | - | 3 | - | 4 | 3 | 5 |
| September- December | 18 | 81 | - | 2 | 2 | 1 | 7 | - | 3 | 8 |
| TOTALS .. | 49 | 220 | 3 | 17 | 4 | 11 | 7 | 4 | 11 | 23 |

SECTION FIVE

HANDICAPPED PUPILS

Ascertainment

The arrangements for the ascertainment of pupils requiring special educational treatment are covered by regulation of the Minister of Education, and have been detailed in previous reports.

Special School Provision

There are four special schools provided by the Authority, a School for Delicate and Physically Handicapped Children, a Unit for Partially Sighted Pupils, Crosshill School for Educationally Subnormal Pupils, and the Dame Evelyn Fox Special School for Severely Subnormal Pupils transferred from the Local Health Authority from April 1st.

Blackamoor School

I append a report of the School's activities by the Headmaster, Mr. F. HARLING

Thirty-seven children were admitted and thirty-five discharged during 1971; one hundred and twenty-three being in attendance at the end of the year. Of the thirty-seven admissions eighteen were extra district children

The reasons for the admission of the thirty-seven new cases were as follows:

| | | | |
|--------------------------------|---|---------------------------------|---|
| Achondroplasia | 1 | Partially Sighted | 1 |
| Weakness of R. Hip, Bronchitis | 1 | Oesophageal Varices | 1 |
| Henoch's Schonlein Pupura. | 1 | Emotionally Disturbed. | 2 |
| Asthma | 6 | Delicate | 2 |
| Cretinous | 1 | Hydrocephalus | 2 |
| Ecoptic Viscera | 1 | Spina Bifida | 3 |
| Bronchitis and Eczema | 3 | Fibrocystic Disease of Pancreas | 1 |
| Congenital Heart | 3 | Werdnig Hoffman's Disease | 1 |
| Spasticity | 3 | Dyslalia | 1 |
| Coe.iac Disease | 1 | Epilepsy | 1 |
| Speech Defect | 1 | | |

An assessment of the categories of handicap taken at the end of each of the last six years shows as follows:

| | 1966 | 1967 | 1968 | 1969 | 1970 | 1971 |
|---------------------------|------|------|------|------|------|------|
| Delicate | 94 | 101 | 83 | 37 | 17 | 11 |
| Physically Handicapped .. | 30 | 24 | 31 | 75 | 84 | 95 |
| Epileptic | 4 | 5 | 7 | 7 | 6 | 6 |
| Partially Hearing | 4 | 3 | 5 | 7 | 4 | 6 |
| Maladjusted | 3 | 4 | 6 | 5 | 7 | 6 |
| Speech Defect | 1 | — | 2 | 3 | 2 | 2 |
| Partially Sighted | 2 | 2 | 2 | 1 | — | 2 |
| | 138 | 139 | 136 | 135 | 120 | 128 |

There were three thousand, six hundred and ninety-five visits to the medical room during the year.

Children treated by Physiotherapists were as follows:

| | No. of cases |
|-----------------------------------|--------------|
| Breathing exercises for Asthma .. | 295 |
| Postural Defects | 25 |
| Congenital Conditions | 59 |
| Foot Exercises.. .. | 333 |
| | 18 |
| | 138 |
| | 6 |

F. HARLING
Headmaster.

Partially Sighted Unit—Blackamoor

The year began with 17 children on the roll, 7 girls and 10 boys. The age range was 6 to 16+ years. Four boys left during the year, one to go on an engineering course at a residential college in Birmingham. One boy left town; the third was transferred to Tower View Training Centre in Darwen and the fourth boy went to a residential school for the blind at Wavertree. Two girls left during the year, having attained 16 years, and went into employment. Four children — 3 boys and 1 girl — were admitted so that the number on the roll at the end of the year was 15, 9 boys and 6 girls.

In conclusion, I would put on record the excellent service afforded us by the school nurse, the physiotherapist and speech therapist who, in their several ways, have done so much for the children in this Unit.

H. H. EVANS, *Headmaster.*

1971 Report by Mr. A. Roberts, Headmaster Crosshill School.

At the beginning of the year 167 children were on roll, a further 21 were admitted during the year. 31 children left school of whom 22 had reached the age of 16. Unfortunately not all of these found employment, and despite the excellent work carried out by the Careers Department, this aspect causes some grave misgivings in the light of the present national employment situation. Of the other children who left school, 7 were transferred to Community Homes or other Specialist Residential establishments, emphasising once again the diversity of problems posed by slow learning children who also have disturbed home situations.

Of great benefit to the school has been the addition of a nurse who is now in full time attendance. Her work and personal friendly contact has done much to reduce the incidence of minor ailments and difficulties which at one time would have necessitated exclusion or prolonged absence from school.

The co-operation of other branches of the Health and Social Services continue to be of great benefit. Friendly and effective liaison with them helps considerably in the continuation of the good work being done here.

A. ROBERTS, *Headmaster.*

Table 4
Handicapped Children — New Assessments and Placements

| | | Blind | Par- tially Sightd | Deaf | Par- tially Hear'g | Physi- cally Handi- capped | Deli- cate | Mal- adj- usted | E.S.N. | Epil- eptic | Speech Defect | Total |
|---|--|-------|--------------------------|------|--------------------------|-------------------------------------|---------------|-----------------------|--------|----------------|------------------|-------|
| | During calendar year ended 31st December, 1970: | | | | | | | | | | | |
| A | Handicapped children newly assessed as needing special educational treatment at special schools or in boarding homes | 2 | 1 | 2 | 1 | 5 | 3 | 8 | 36 | 2 | 3 | 63 |
| | boys girls | .. | .. | 1 | 1 | 6 | 6 | 1 | 19 | 1 | .. | 35 |
| B | (i) of those included at A above | .. | 1 | 3 | 1 | 5 | .. | .. | 26 | 1 | 1 | 38 |
| | boys girls | .. | .. | .. | 1 | 6 | .. | .. | 10 | 1 | .. | 18 |
| | (ii) of those assessed prior to January, 1971 | 1 | .. | .. | 2 | 1 | 1 | .. | 8 | .. | .. | 13 |
| | boys girls | 1 | .. | .. | 2 | .. | 1 | .. | 3 | .. | .. | 7 |
| | (iii) TOTAL newly placed— B(i) and (ii) | 1 | 1 | 3 | 3 | 6 | 1 | .. | 34 | 1 | 1 | 51 |
| | boys girls | 1 | .. | .. | 3 | 6 | 1 | .. | 13 | 1 | .. | 25 |

Analysis of Special Schools to which Blackburn Children have been admitted.

On 20th January, 1972 two hundred children (126 boys and 74 girls) were in special schools as follows:

| BLIND PUPILS | | | | | | <i>Boys</i> | <i>Girls</i> |
|--|----|----|----|----|----|-------------|--------------|
| Wavertree School, Liverpool | .. | .. | .. | .. | .. | 1 | 1 |
| Henshaw's, Old Trafford | .. | .. | .. | .. | .. | 1 | 1 |
| Royal School for Blind, Liverpool | .. | .. | .. | .. | .. | 1 | - |
| Sunshine House, Southport | .. | .. | .. | .. | .. | 1 | - |
| PARTIALLY SIGHTED PUPILS | | | | | | | |
| Partially Sighted Class, Blackamoor | .. | .. | .. | .. | .. | 1 | 3 |
| West of England School, Exeter | .. | .. | .. | .. | .. | 1 | - |
| DEAF PUPILS | | | | | | | |
| Northern Counties, Newcastle | .. | .. | .. | .. | .. | - | 1 |
| Royal Cross School for the Deaf, Preston | .. | .. | .. | .. | .. | 3 | 8 |
| PARTIALLY HEARING PUPILS | | | | | | | |
| Thomasson Memorial School, Bolton | .. | .. | .. | .. | .. | 4 | 1 |
| Southport School for Partial Hearing | .. | .. | .. | .. | .. | 1 | - |
| Blackamoor Special School | .. | .. | .. | .. | .. | 2 | 1 |
| DELICATE PUPILS | | | | | | | |
| Blackamoor Special School | .. | .. | .. | .. | .. | 5 | 6 |
| St. Dominic's, Godalming | .. | .. | .. | .. | .. | 1 | - |
| St. Joseph's Cranleigh | .. | .. | .. | .. | .. | 1 | - |
| EDUCATIONALLY SUBNORMAL PUPILS | | | | | | | |
| Eden Grove, Appleby | .. | .. | .. | .. | .. | 4 | - |
| Hargreaves House, Oswaldtwistle | .. | .. | .. | .. | .. | - | 1 |
| Crowthorn, Bolton | .. | .. | .. | .. | .. | 4 | 1 |
| St. Joseph's, Cranleigh | .. | .. | .. | .. | .. | 3 | - |
| Oakfield, Liverpool | .. | .. | .. | .. | .. | - | 1 |
| Jesmond Dene, Newcastle | .. | .. | .. | .. | .. | - | 1 |
| Beechwood, Liverpool | .. | .. | .. | .. | .. | - | 1 |
| Hilton Grange | .. | .. | .. | .. | .. | 1 | - |
| Hindley Hall | .. | .. | .. | .. | .. | 1 | - |
| Redcourt, Glossop | .. | .. | .. | .. | .. | 1 | - |
| St. Francis', Buntingford | .. | .. | .. | .. | .. | 1 | - |
| Pontville, Ormskirk | .. | .. | .. | .. | .. | 1 | - |
| Massey Hall, Thelwall | .. | .. | .. | .. | .. | - | 1 |
| MALADJUSTED | | | | | | | |
| Pitt House, Devon | .. | .. | .. | .. | .. | 3 | - |
| Cheveley Rectory, Newmarket | .. | .. | .. | .. | .. | 1 | - |
| Burnt Norton, Gloucester | .. | .. | .. | .. | .. | 1 | - |
| Blackamoor Special School | .. | .. | .. | .. | .. | 3 | 3 |
| William Henry Smith, Boothroyd | .. | .. | .. | .. | .. | 1 | - |
| Wennington Hall, Hornby | .. | .. | .. | .. | .. | 1 | - |
| Badgeworth Court | .. | .. | .. | .. | .. | 1 | - |
| Childscourt, Wincanton | .. | .. | .. | .. | .. | 1 | - |
| Wessington Court | .. | .. | .. | .. | .. | 1 | - |
| EPILEPTIC PUPILS | | | | | | | |
| Blackamoor Special School | .. | .. | .. | .. | .. | 5 | 1 |
| Maghull, Liverpool | .. | .. | .. | .. | .. | 1 | 1 |
| Chilton School, Maghull | .. | .. | .. | .. | .. | - | 1 |
| PHYSICALLY HANDICAPPED | | | | | | | |
| Chailey Heritage, Lewes | .. | .. | .. | .. | .. | 1 | - |
| Blackamoor Special School | .. | .. | .. | .. | .. | 58 | 37 |
| Birtenshaw Hall, Bolton | .. | .. | .. | .. | .. | 3 | - |
| Chantrey School, Sheffield | .. | .. | .. | .. | .. | - | 1 |
| Standish Hostel | .. | .. | .. | .. | .. | 1 | - |
| Bleasdale House | .. | .. | .. | .. | .. | 2 | - |
| Mere Oaks, Standish | .. | .. | .. | .. | .. | 1 | - |
| Margaret Barclay, Mobberley | .. | .. | .. | .. | .. | - | 1 |
| SPEECH | | | | | | | |
| Thornbury Park | .. | .. | .. | .. | .. | 1 | - |
| Blackamoor Special School | .. | .. | .. | .. | .. | 1 | 1 |

SECTION SIX

MISCELLANEOUS

Co-operation

Teachers, parents and School Welfare Officers have fully co-operated in the work of the School Medical department. To them my thanks are expressed.

Employment of Children and Young Persons.

School Medical Officers examined 1047 children for employment during the year.

One hundred and fifty-nine children (105 boys and 54 girls) were licensed for employment out of school hours; no children were licensed to take part in entertainments.

National Society for the Prevention of Cruelty to Children

During 1971 it was my privilege and pleasure to be concerned and involved in the welfare of 155 Blackburn families in which the number of children from birth to eighteen years totalled 469. It is pleasing to note that of these 155 new cases 65 came to my notice through the parents themselves seeking aid and advice with their problems. Officials of the local authority and police referred 53 cases. Enquiries and visits to the homes revealed that 62 children were neglected to the extent that they required medical treatment. Eight children had been physically injured requiring medical attention or hospital care. The disturbed home environment had resulted in 33 children becoming emotionally disturbed. In addition, 5 infants were referred as "battered babies". Routine visiting and casework support achieved improvement in most cases, but Juvenile Court proceedings were necessary to secure adequate protection for 3 children.

1971 has seen some changes in the local organisation of the N.S.P.C.C. I now work from an office at 10, Strawberry Bank, Blackburn, Tel. No. 62556. The Group Office for North Lancashire is at 84 Deepdale Road, Preston, Tel. No. Preston 21635/6. A duty officer is available during normal office hours at this office. He can deal with emergencies or relay messages if I am not available.

The ability to meet changing times and changing needs has always been one of the strengths of the N.S.P.C.C. Empowered by its Royal Charter 'to prevent the private and public wrongs of children', the Society pioneered the protection and welfare of children from the days of its foundation; then as the State gradually took on more of this work the Society has directed its attention to new areas of need as they emerge. The N.S.P.C.C.'s work with

battered and seriously deprived children under five are illustrations of the Society's vision and adaptability. We shall continue to tackle specific problems concerning children as they arise and where we can make a real contribution, with the aim of sharing the knowledge and experience gained with others involved in child welfare.

I am most appreciative of the help and support from officials of the Health Department, especially Health Visitors with whom I enjoy a happy and constructive working relationship, and I am pleased to have this opportunity to express my sincere thanks.

T. Bamber, *Inspector*

School Meals Service

Meals supplied to children during the year, 1st January to 31st December, 1971.

Primary and Secondary Schools :

| | | | | | |
|--|----|----|----|-----------|-----------|
| Free | .. | .. | .. | 331,695 | |
| Paid | .. | .. | .. | 1,485,663 | |
| | | | | <hr/> | 1,817,358 |
| Special Schools: Free | .. | .. | .. | 14,031 | |
| Paid | .. | .. | .. | 32,094 | |
| | | | | <hr/> | 46,125 |
| Dame Evelyn Fox Special School | .. | | | 10,494 | |
| | | | | <hr/> | 10,494 |
| | | | | | <hr/> |
| | | | | | 1,873,977 |
| | | | | | <hr/> |
| Milk supplied to school (½-pint bottles) | | | | | 1,560,718 |
| | | | | | <hr/> |

Average daily number fed during each month in 1971 :

| | | | | | |
|----------|--------|--------|-------|-----------|--------|
| January | 12,731 | May | 8,681 | September | 11,096 |
| February | 12,274 | June | 8,843 | October | 11,203 |
| March | 12,004 | July | 8,885 | November | 10,694 |
| April | 10,443 | August | | December | 10,952 |

DEPARTMENT OF EDUCATION AND SCIENCE

MEDICAL INSPECTION AND TREATMENT OF PUPILS ATTENDING MAINTAINED AND ASSISTED PRIMARY AND SECONDARY SCHOOLS

(Including Nursery and Special Schools)

GROUP A—EYE DISEASES, DEFECTIVE VISION AND SQUINT

| | No. of cases known to have been dealt with |
|---|--|
| External and other, excluding errors of refraction and squint | — |
| Errors of refraction (including squint) | 1153 |
| TOTAL | 1153 |
| Number of pupils for whom spectacles were prescribed .. | 472 |

GROUP B—DISEASES AND DEFECTS OF EAR, NOSE AND THROAT

| | No. of cases known to have been dealt with |
|---|--|
| Received operative treatment— | |
| (a) for diseases of the ear | 140 |
| (b) for adenoids and chronic tonsillitis | 161 |
| (c) for other nose and throat conditions | 125 |
| Received other forms of treatment | 10 |
| Total | 436 |
| Total number of pupils in schools who are known to have been provided with hearing aids | |
| (a) in 1971 | 4 |
| (b) in previous years | 31 |

GROUP C—ORTHOPAEDIC AND POSTURAL DEFECTS

| | No. of cases known to have been dealt with |
|--|--|
| (a) Pupils treated at clinics or out-patient departments | 278 |
| (b) Pupils treated at school for postural defects .. | 37 |
| Total | 315 |

GROUP D.—DISEASES OF THE SKIN

| | No. of cases known to have been dealt with |
|-----------------------------|--|
| Ringworm—(i) Scalp | — |
| (ii) Body | — |
| Scabies | 375 |
| Impetigo | 31 |
| Other skin diseases | — |
| TOTAL | 406 |

GROUP E.—CHILD GUIDANCE TREATMENT

| | |
|---|-----|
| Number of pupils treated at Child Guidance Clinics under arrangements made by the Authority | 125 |
|---|-----|

GROUP F.—SPEECH THERAPY

| | |
|---|-----|
| Number of pupils treated by Speech Therapists under arrangements made by the Authority .. | 389 |
|---|-----|

GROUP G.—OTHER TREATMENT GIVEN

| | |
|--|--------------|
| (a) Number of miscellaneous minor ailments treated by the Authority | — |
| (b) Pupils who received convalescent treatment under School Health Service arrangements .. | — |
| (c) Pupils who received B.C.G. | 687 |
| (d) Others— | |
| 1. Orthoptics* | 472 |
| 2. Sunlight | 46 |
| 3. Cleansing | 696 |
| 4. Chiropody | 1276 |
| 5. Audiometry | 7473 |
| 6. Psychology | 133 |
| TOTAL (a—d) | 10783 |

* In addition 742 Lancashire County Council pupils were dealt with during the year.

